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BIBLIOGRAPHY OF FIELD STUDIES OF MAJOR EARTHQUAKES IN  
JAPAN

by

Tatsuo Usami

and

Junzo Tsuno

Earthquake Research Institute

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SUITE 250  
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B-142	村上市		6.16新潟地震災害及び救助の状況報告書 昭和39年7月	村上市	1964
B-143	村上市		6.16新潟地震被害写真（村上市）	村上市	1964
B-144	酒田市		新潟地震酒田市災害記録	酒田市	1966
B-145	日本電信電話公社信越		新潟地震災害記録一昭和39年6月16日発生一	電々公社信	1965
B-146	東北電力株式会社		新潟地震災害報告書	東北電力株	1964
B-147	北陸瓦斯株式会社		6.16新潟地震による新潟営業所の被害とその(第1報)	北陸瓦斯株	1964
B-148	北陸瓦斯株式会社		6.16新潟地震による新潟営業所の被害とその(第2報)	北陸瓦斯株	1964
B-149	北陸瓦斯工務部		北陸ガス（株）新潟営業所の震害とその復旧	北陸瓦斯株	1964
B-150	藤倉電線株式会社		新潟地震によるOFケーブルの被害と対策	藤倉電線株	1964
B-151	久保田鉄工株式会社鉄管		東北電力株式会社新潟火力発電所循環水管路 (1500φダ	久保田鉄株	1964
B-152	久保田鉄工株式会社鉄管		新潟地震による水道及びガス管路の被害状況を調査して	久保田鉄株	1964
B-153	日本钢管KK特殊構造		新潟地震震害速報並検討資料	日本钢管K	1964
B-154	博進堂写真美術印刷工		新潟地震写真集 1964. 6. 16	博進堂	1964
B-155			新潟地震の記録 自然との半月の戦い	新潟日報社	1964
B-156	信濃毎日新聞社		松代地震	信濃毎日新	1966

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### Translator's Note

Only the first author's name is listed in case of coauthorship.

A check was made on as many original papers as possible to see if we could find the English version of the titles which were used by the original author(s). Such English titles are used for those references preceded by an asterisk.

For the sake of uniformity, slight modifications were made:

- (i) the dates are given by month and day instead of for example, the 25th of April.
- (ii) local governing bodies such as prefectures, cities, towns or villages are expressed using Japanese names: -ken or -fu, -shi, -machi, or mura, respectively.
- (iii) the dates of occurrence of the earthquakes are omitted in the English version since they can easily be found in Table 1. However, when the same name applies to more than one earthquake, the dates (years only) are listed for all but the most recent.
- (iv) All Japanese proper nouns are Romanized using the Hepburn system.

## ABBREVIATIONS USED IN THIS TRANSLATION\*

C. M. O.	: Central Meteorological Observatory, Ministry of Transport
Dept. of Geol. & Min. Dis. Relief.	: Department of Geology and Mineralogy : Disaster Relief
Dist. Met. Observ.	: District Meteorological Observatory, Ministry of Transport
Dist. Port Const. Bur.	: District Port Construction Bureau, Ministry of Transport
Ele. Pow. Tech. Research Inst.	: Electric Power Technical Research Institute
G. S. I.	: Geographical Survey Institute, Ministry of Construction
Hokkaido Devel. Bureau	: Hokkaido Development Bureau, Prime Minister's Office
I. E. I. C.	: Imperial Earthquake Investigation Committee
I. G. S. J.	: Imperial Geological Survey of Japan
Invest. Com.	: Investigation Committee
Japan Soc. of C. Eng.	: Japan Society of Civil Engineers
J. N. R.	: Japanese National Railways
Land Survey Department	: Land Survey Department, Imperial Japanese Military
Mari. Safety Agencies	: Maritime Safety Agencies, Ministry of Transport
Met. Agency	: Meteorological Agency, Ministry of Transport
Min. of A. & F.	: Ministry of Agriculture and Forestry
Min. of Transp.	: Ministry of Transport
M. O. C.	: Ministry of Construction
M. O. I. T. I.	: Ministry of International Trade and Industry
Ports and Harb. Bur.	: Ports and Harbors Bureau, Ministry of Transport
Publ. Util. Dept.	: Public Utilities Department
Rail. Mang. Bur.	: Railway Management Bureau
Reg. Bur. of Int. Trade. & Ind.	: Regional Bureau of International Trade and Industry, Ministry of International Trade and Industry
Reg. Constr. Bur.	: Regional Construction Bureau, Ministry of Construction
Region. Mari. Safety Head- Headqtr.	: Regional Maritime Safety Headquater, Ministry of Transport
Tokyo Metro. Univ.	: Tokyo Metropolitan University

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\*Easily understandable abbreviations are excluded in this list.

## SYNOPSIS \*

A bibliography of field studies on major earthquakes in Japan was prepared. This includes papers concerning the field inspection, seismometrical studies, studies of related phenomena and investigations on damages which were published prior to the end of 1965. The list consists of the following items:

- (1) reference number
- (2) author's name
- (3) title of the paper
- (4) name, volume, year and page of the Bulletin in which the paper was published or the name of the publishers.
- (5) name and year of the earthquake studied
- (6) the main topic of the paper

Date, name, latitude, longitude, focal depth, magnitude, and reference number of the earthquakes are arranged in another table. Papers are classified by the year of the earthquake and by the main topic in the form of a table.

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\*This English version of the Synopsis has been provided by the Authors.

## INTRODUCTION AND BRIEF EXPLANATION OF THE CLASSIFICATION

Immediately after an earthquake, we usually investigate its general characteristics, including the nature of the tsunami it causes, and the extent of damage it produces, etc. and at the same time make observations on aftershocks, crustal movement, earth current and earth magnetism. In undertaking such investigations and observations, published results of similar studies on past earthquakes are quite helpful. Unfortunately, no adequate literature survey has been made for such purposes and because of this, there has been practically no way in which pertinent papers and books can be found without delay. The only exceptions are those fortunate cases in which the knowledge of interested individuals leads us to a few pertinent papers. In order to eliminate this inconvenience, we have prepared a "Bibliography of Field Studies of Major Earthquakes in Japan" at the request of the Earthquake Research Institute.

We surveyed a wide variety of literature published prior to 1966 dealing with earthquake phenomena in and around Japan. However, since it is difficult to obtain very old papers and books, and virtually impossible to look at all conceivable sources, our collection comes mainly from the literature currently available at the Earthquake Research Institute. The recent proliferation of related journals has added further difficulties in collecting every published work dealing with earthquakes. Obviously, by the very nature of the task, it would take an excessively long time if

perfection is demanded. For these reasons we have decided to publish the literature list that has been collected so far.

From now on, new material the library receives will be added to this collection. We hope that the users' help will continually improve this bibliography. We are also planning to collect, in the Library, reprints of the papers assembled in the current edition for general use with a card file for the users' convenience.

The papers were collected by the Library and classified by the Earthquake Forecasting and Observation Center, (formerly, the Cooperative Organization). Our bibliography is arranged in the following order. First are the journals, then the special editions, and lastly the separate volumes. The bibliography consists of a reference number, the author's name, the title of the paper, the date of publication, the name of the earthquake concerned, its classification and explanatory notes. In each category, we would like the reader to note the following:

**Number:** Reference Number  
Both classifying numbers and serial numbers are used so that new references can be added.

**Author(s):** The names included in miscellaneous papers are excluded. In the case of coauthorship, only the first author is cited.

**Title:** Title of the Paper  
In **some cases**, the title is abbreviated.

**Date:** Year of Publication  
Dates are given using the Christian calendar.

**Earthquake:** Name of Earthquake  
Gives the name and the date (year only) of the earthquake which was considered in the paper or which motivated the author(s) to initiate his research.

Table 1 gives the date of occurrence, the longitude, the latitude, the focal depth, the magnitude and the earthquake number (as designated by the Scientific Yearbook of Japan, 1968 Edition) of any earthquake in this bibliography. This table is compiled by consulting "Major Damage-Producing Earthquakes in and Around Japan" (Usami, 1966). The "Monthly Journal of the Earthquake" of the Meteorological Agency is used as a supplement.

A swarm of earthquakes is represented by the one of maximum intensity. When several earthquakes are dealt with in a paper, the most important one is listed, and the others are named in the notes. When it is not clear which one is stressed, no name is listed. Small earthquakes are not named if such naming could possibly cause confusion. The official earthquake names given by the Meteorological Agency are used here. If an earthquake does not have an official name, its common name is used. Earthquakes without official or common names are named for their hypocenter or for the era in which they occurred (e.g. Ansei, Hōei, Genroku).

**Classification:** The classification is based on subject matters discussed in the paper. If the paper deals with more than one subject, it is classified according to the main subject with others being referred to in the Notes. When it is difficult to single out the main subject, subjective judgement is used for classification. The original paper is consulted unless the title clearly suggests the subject. The classification is as follows:

I)

General Characteristics (Gen: including general statements, history, those papers dealing with more than one subject, and those which cannot easily be distinguished from the Survey Report.)

II)

Survey Report (Srvy. Rep.)

Experimental Measurement (Exp. Meas.: including estimation of hypocenter, magnitude, travel-time curve, and time history of a strong earthquake, etc.) Aftershocks, Cause (including the distribution of initial microtremors, weather and other factors.) Lightning, Sound, Earthquake Activity including swarms of earthquakes (Eqke. Act.), Small Earthquake (Sm. Eqke.), Ocean Earthquake (Ocean Eqke.), Communications Report Collection (C.R. Col.), Earthquake Signs (Eqke. Sgns.), Wave Motion (Wave Mtn.)

III) Levelling and Triangulation (Lev. & Tri.: results) Tilt, Expansion and Contraction (Exp. & Con.), Subsidence and Upheaval (Sub. & Uph.), Fault, Mountain Landslide (Mt. Ldsde.: including the crumbling of a mountainside), Landslide (other than that of a mountain), Ground Deformation (Grnd. Def.: including fissure, drifting sand and quicksand), Crustal Movement (Crst. Mvmt.: including block movement and those not included in the above categories. Tidal Change (Tidal Chge.: including tidal observations), Ground Water (Grnd. Wtr.: including hot springs.), Volcanic Activity (volc. Act.), Gravity.

IV) Geology (including geographical features.)  
Ground (including microtremors and those hardly distinguished from geology)

Damage (including general damage and survey reports of damage), Fire, Building Damage (Buil. Dam.), Damage to Public Structures (Publ. Dam.), Building Vibration (Buil. Vib.), Aseismic Design (Aseis. Des.), Disaster Prevention (Dis. Prev.)

Tsunami (including forecasting of Tsunami), Damage caused by Tsunami (Tsu. Dam.), Seiche, Tsunami Report (Tsu. Rep.: Survey report of tsunamis).

V) Electric Current and Magnetism (Cur. & Mag.),

Statistics (describing the relationship among earthquake, atmospheric pressure, and weather.)

Others (including debates, round-table discussions, photographs, motion pictures, collected data, estimations of seismic intensity, and acceleration inferred from investigations of tombstone displacements).

Table 2 lists the number of items collected in each class. I, II, III, IV, V in the Table refer to the classification as outlined above. This table indicates how the trend in research has changed in time.

## REFERENCES

- 1.) Tokyo Astronomical Observatory, *Scientific Yearbook of Japan (1966 Edition)*, Maruzen: Tokyo.
- 2.) T. Usami, Major Damage Producing Earthquakes in and around Japan, *Bulletin of the Earthquake Research Institute*, Vol. 44, 1966. pp. 1571 - 1622.
- 3.) Meteorological Agency, *Monthly Journal of the Earthquake*, published monthly by the Meteorological Agency.

Table 1. Earthquakes Investigated in This Bibliography

No.	Date	Earthquake	Longi- tude	Latit- tude	Depth (km)	M	Eqke. No.	Notes
1	679	Tsukushi	130.4E	32.7N		6.7	14	
2	684	Hakuho	134.0	32.5		8.4	15	
3	701	Tango	135.4	35.6		7.0	16	
4	830	Dewa	140.1	39.8		7.4	31	
5	850	Shohnai	140.0	39.1		7.0	34	
6	857	Ten-an	140.6	40.3		7.0	36	
7	1498	Tohkaido	138.2	34.1		8.6	130	
8	1596	Bungo	131.7	33.3		6.9	165	
9	1605	Tohnankai	140.4 134.9	34.3 33.0		7.9	172	
10	1611	Sanriku	143.8	38.2		8.1	174	
11	1662	Hyuga-nada	132.0	31.7		7.6	208	
12	1677	Enpo	141.5	36.6		7.4	231	
13	1694	Noshiro	140.2	40.2		7.0	244	
14	1703	Genroku	139.8	34.7		8.2	251	
15	1704	Hoei	140.0	40.4		6.9	252	
16	1707	Hoei	135.9	33.2		8.4	254	
17	1710	Inaba-Hohki- Mimasaka	133.8	35.5		6.6	257	
18	1714	Ohmachi	137.8	36.7		6.4	260	
19	1763	Hachinohe	142.0	40.7		7.4	295	
20	1766	Tsugaru	140.6	40.8		6.9	297	
21	1771	Meiwa	124.3	24.0		7.4	303	
22	1792	Shimabara	130.3	32.8		6.4	313	

No.	Date	Earthquake	Longi- tude	Lati- tude	Depth (km)	M	Eqke. No.	Notes
23	1793	Ajikazawa	140.0E	40.7N		6.9	316	
24	1804	Kisakata	140.0	39.0		7.1	322	
25	1810	Oga	139.9	39.9		6.6	324	
26	1819	Ohmi-Ise	136.3	35.2		7.4	331	
27	1833	Mino	136.6	35.5		6.4	341	
28	1847	Zenkohji	138.2	36.7		7.4	353	
29	1854	Ansei	136.2	34.8		6.9	360	
30	1854	Ansei	137.8	34.1		8.4	363	
31	1854	Ansei	135.6	33.2		8.4	364	
32	1855	Edo	139.8	35.8		6.9	367	
33	1858	Hida	137.2	36.1		6.9	367	
34	1872	Hamada	132.0	34.8		7.1	387	
35	1880	Yokohama				5.9	387	
36	1882	Kohchi						
37	1882	Atami						
38	1887	Yokohama				6.3		
39	1888	Utsunomiya	140.0	36.4		5.9		
40	1889	Kawasaki	139.7	35.4		5.9		
41	1889	Kumamoto	130.7	32.8		6.3	391	
42	1889	Ohsumi						
43	1890	Saikawa	138.2	32.8		6.3		
44	1890	Miakejima	139.3	34.3		6.2	392	
45	1890	Kinugawa	139.5	36.2		6.2		
46	1891	Nohbi	136.6	35.6		8.4	393	

No.	Date	Earthquake	Longi- tude	Lati- tude	Depth (km)	M	Eqke. No.	Notes
47	1892	Shimohsa	140.5E	35.9N		6.7		
48	1892	Gifu	136.5	36.0		6.6		
49	1893	Chinan	130.5	31.4		6.4	397	
50	1894	Nohbi	137.0	35.0		7.4		
51	1894	Kushiro-oki	146.3	42.4		7.9	399	
52	1894	Tokyo	139.9	35.7		7.5	400	
53	1894	Shohnai	139.5	39.2		7.3	401	
54	1895	Tonegawa	140.4	35.9		7.3	402	
55	1895	Setouchi	133.0	34.0		6.7		
56	1896	Sanriku	144.2	39.6		7.6	404	
57	1896	Riku-U	140.7	39.5		7.5	405	
58	1897	Kamitakai	138.2	36.6		6.3	406	
59	1897	Rikuzen-oki	141.5	38.1		7.8	407	
60	1897	Sanriku	143.7	38.0		7.7	408	
61	1897	Rikuchu	141.5	39.6		6.9		
62	1898	Rikuchu	143.6	39.5		7.8	409	
63	1898	Fukuoka	130.2	33.5		6.5	411	
64	1899	Kii-Yamato	136.0	34.2		7.6	413	
65	1900	Rikuzen	141.0	39.0		7.3	413	
66	1900	Miakejima	139.5	34.0		6.8	416	
67	1901	Hachniohe	141.8	40.3		7.7	418	
68	1905	Gei-Yo	132.3	34.2		7.6	422	
69	1905	Ohshima	139.2	34.8		7.0	423	

NO.	DATE	Earthquake	Longi- tude	Lati- tude	Depth (km)	M	Egke. No.	Notes
70	1906	Tokyo-wan	139.8E	35.5N		7.7		
71	1909	Ko-No	136.3	35.4		6.9	428	
72	1909	Okinawa					429	
73	1909	Hyuga-nada	133.1	32.1		7.9	430	
74	1910	Uzu	140.8	42.5		6.5	431	
75	1911	Kikaigashima	130.0	28.0		8.2	433	
76	1911	Tokyo-wan	140.0	35.0		7.0		
77	1912	Ueda	138.4	36.3		5.7		
78	1913	Kagoshima	130.5	31.6		6.4	434	
79	1914	Sakurajima	130.7	31.6		6.1	435	
80	1914	Ugosen	140.4	39.5		6.4	436	
81	1914	Izumo	133.4	35.3		6.3		
82	1914	Takada	138.2	37.0		6.1		
83	1915	Ishinomaki-oki	143.2	38.8		7.5	438	
84	1915	Kazusa	141.4	35.2		6.7		10:38 Oct. 16
85	1916	Asama-yama	138.4	36.4		6.0	439	$\lambda = 140.8^{\circ}$ E $\psi = 34.3^{\circ}$ N
86	1916	Akashi	135.0	34.6		6.3	441	M= 6.7
87	1917	Shizuoka	138.1	35.2		6.3	443	
88	1918	Iturup-to-oki	151.8	45.7		7.9	444	
89	1918	Iturup-to-oki	148.9	44.1		7.8	445	
90	1918	Ohmachi	137.8	36.5		6.1	446	
91	1919	Miyoshi	132.9	34.8		5.9		
92	1921	Ryugasaki	140.1	35.8		7.1	448	
93	1922	Uraga-kai	139.7	35.2		6.9	449	

No.	Date	Earthquake	Longi- tude	Latit- ude	Depth	M	Eqke. No.	Notes
(km)								
94	1922	Shimabara	130.1E	32.7N		6.5	451	
			130.1	32.8		5.9		
95	1923	Suikaido	140.0	36.0		6.3	452	
96	1923	Tanegashima	131.1	30.6		6.5		
97	1923	Kanto	139.3	35.2		7.9	453	
98	1924	Tanzawa	139.2	35.5		7.2	454	
99	1924	Kii	135.5	34.0		6.4		
100	1925	Tsugaru-oki						
101	1925	Tajima	134.8	35.7		7.0	455	
102	1925	Gifu-Kita	136.9	35.3		6.1		
103	1926	Erimo-misaki	142.2	41.7	100			
104	1926	Kushiro						
105	1926	Haneda	139.8	35.4		6.2		
106	1926	Obihiro-oki	143.7	42.0	40	6.8		
107	1927	Tango	135.1	35.6	10	7.5	456	
108	1927	Tango	135.0	35.7	20	6.9		
109	1927	Miyagi-oki	142.0	38.0	20	6.9		
110	1927	Sekihara	138.8	37.5	0,10	5.3	458	
111	1928	Han-no	139.7	36.0	50,60	5.2		
112	1928	Heijima-Nishi	128.8	31.7	40	6.4		
113	1923	Chiba	140.3	35.6	60	5.8		
114	1929	Aso						
115	1929	Tosshunbe						Uzu-gun Hokkaido
116	1929	Asshabe						Hiyama-gun Hokkaido

No.	Date	Earthquake	Longi-tude	Lati-tude	Depth	M	Eqke. No.	Notes
(km)								
117	1929	Suzaka						
118	1929	Hyuga-nada	132.2E	31.7N	30	6.8		
119	1929	Nara-Minami	135.75	34.0	20	5.4		
120	1929	Sagami	139.1	35.5	20	6.1		
121	1929	Fukuoka-Nishi	130.3	33.5	0	4.7		
122	1929	Aritagawa	135.2	24.2	10	5.6	459	
123	1930	Ito						Earthquake Swarm
124	1930	Kaga-Minami	136.3	36.3	20	6.4		
125	1930	Izu	139.0	35.1	0.5	7.0	460	
126	1930	Hiroshima-Kita	132.9	35.0	20	6.0		
127	1931	Tazawa-ko	140.6	39.8	130			
128	1931	Uruga-oki	142.6	42.3	40	6.8		
129	1931	Nihon-kai	135.7	44.5	350			
130	1931	Aomori-oki	142.5	41.2	0	7.6		
131	1931	Toshigawa	138.9	35.5	35	6.5		
132	1931	Nishi-Saitama	139.2	36.1	10,20	7.0	462	
133	1931	Hyuga-nada	132.1	32.2	20	6.6		
134	1931	Oguni	141.7	39.5	0,10	6.1		
135	1933	Sanriku	144.7	39.1	1,20	8.3	463	
136	1933	Kiisuido	135.1	34.0	20	5.1		
137	1933	Okunakayama						Earthquake Swarm, North Iwate
138	1933	Noto	137.0	37.1	15	6.0		
139	1933	Tohkamachi	138.87	37.28	30	6.1		

No.	Date	Earthquake	Longi- tude	Lati- tude	Depth (km)	M	Egke. No.	Notes
140	1934	Minami-Izu	138.9E	34.8N	0,10	5.5		
141	1934	Gifu-Yawata	137.0	35.7	0,10	6.2		
142	1935	Taiwan	120.6	24.3			464	
143	1935	Shizuoka	138.4	35.0	10	6.3	465	
144	1936	Kawachi-Yamato	135.7	34.5	20	6.4	466	
145	1936	Kinkazan-oki	142.2	38.2	50,60	7.7		
146	1936	Osarizawa						Swarm
147	1936	Niijima	139.2	34.5	0,20	6.3	467	
148	1938	Tanabe-wan	135.2	33.7	20	6.7	469	
149	1938	Iwaki-oki	141.4	36.7	10	7.1	470	
150	1938	Kusshara	144.3	43.6	20	6.0	471	
151	1938	Ohshima						Swarm
152	1938	Shioya-oki	141.7	37.1	20	7.7	472	
153	1939	Oga	139.8	40.0	0	7.0	474	
154	1939	Naruko-Onikubi						Swarm
155	1939	Shikotan	147.2	43.1	80,100			
156	1940	Shakotan-oki	139.5	44.1	0,20	7.0	475	
157	1941	Nagano	138.3	36.7	5,20	6.2	476	
158	1941	Hyuga-nada	132.1	32.6	0,20	7.4	477	
159	1941	Taiwan	120.6	23.4		7.2	478	
160	1943	Tottori	134.2	35.6	20	6.1	479 480	
161	1943	Tajima	139.8	37.3	15	6.1	481	
162	1943	Tottori	134.2	35.5	10	7.4	482	

No.	Date	Earthquake	Longi- tude	Lati- tude	Depth (km)	M	Eqke. No.	Notes
163	1943	Koma	138.2E	36.8N	0	6.1	483	
164	1943 1945	Uzu						Earthquake following volcanic activity
165	1944	Tohnankai	136.2	33.7	0,30	8.0	485	
166	1945	Mikawa	137.0	34.7	0	7.1	486	
167	1945	Hachniohe-oki	142.1	40.9	30	7.3		
168	1946	Nankai	135.6	33.0	30	8.1	487	
169	1947	Niigata-Nishi	138.1	37.1	0	5.7		
170	1947	Ishigakijima	124.0	24.0				
171	1948	Fukui	136.2	36.1	20	7.3	488	
172	1949	Akinoumi	132.5	34.0	40	6.2		
173	1949	Imaichi	139.7	36.7	V.S. V.S.	6.4 6.7	489	
174	1950	Kumanogawa	135.8	33.8	40	6.7		
175	1951	Shimabara	130.2	32.8	0,10	5.4		
176	1952	Tokachi-oki	143.9	42.2	45	8.1	490	
177	1952	Daishohji	136.2	36.5	20	6.8	491	
178	1952	Yoshino	135.8	34.5	20	7.0	492	
179	1952	Kamchatka	162.0	52.0	5			
180	1953	Bohso-oki	141.8	34.3	40,60	7.5	493	
181	1955	Tottori-Nishi	133.4	35.2	20 ca	5.1		
182	1955	Tokushima- Minami	134.3	33.8	0,10	6.0	494	
183	1955	Futatsui	140.2	40.3	0,10	5.7	495	
184	1956	Izu	138.8	33,8	40,60	6.5		
185	1956	Shiroishi	140.6	38.0	20 ca	6.1	498	

No.	Date	Earthquake	Longi- tude	Latit- ude	Depth (km)	M	Eqke. No.	Notes
186	1957	Niijima	139.4E	34.3N	0	6.3		
187	1958	Ishigakijima	124.5	24.75	80			
188	1958	Iturup	148.5	44.3	80	8.0	500	
189	1959	Teshikaga	144.4 144.4	43.4 43.5	20 0	6.2 6.1		
190	1960	Sanriku	143.5	39.8	20	7.5	502	
191	1960	Chilean	73.5W	38.0S			8.5	
192	1961	Nagaoka	138.8E	37.5N	20	5.2	503	
193	1961	Hyuga-nada	131.9	31.6	40	7.0	504	
194	1961	Yoshimatsu	130.7	32.0	00		5.5	
195	1961	Kushiro-oki	145.6	42.9	80			
196	1961	Kita-Mino	136.8	36.0	00	7.0	505	
197	1962	Hiroo-oki	143.9	42.2	60	7.0		
198	1962	Miyagi-Kita	141.1	38.7	00	6.5	506	
199	1963	Yohrohgyu	145.0	43.6	40	5.3		
200	1963	Echizenmisaki- oki	135.8	35.8	00	6.9	508	
201	1963	Iturup	150.0	43.8	20	8.1	509	
202	1964	Rausu	145.2	44.0	0	4.6		
203	1964	Alaska	147.6W	61.1	20	8.5		
204	1964	Oga-oki	139.0E	40.3	00	6.9	510	
205	1964	Niigata	139.2	38.4	40	7.5	511	
206	1964	Nemuro-oki	146.5	43.0	80			
207	1964	Niijima	139.3	34.7	0	5.5		Swarm
208	1965	Aleutian	178.6	51.3	40	7.5		
209	1965	Shizuoka	138.3	34.9	20	6.1	512	
210	1965N	Matsushiro						Swarm

Table 2. Total Number of Articles Classified by Period and Subject.  
 (Numerals in parentheses give percentages for the total  
 classified by periods.)

Period	Subject Frequency of Eqkes.	I	II	III	IV	V	Total
679-1871	34	75(48) %	3(2) %	48(30) %	30(19) %	2(1) %	158(100)
1872-1923 (Before the Kanto Eqke.)	62	181(42)	66(15)	55(13)	99(23)	29(7)	430(100)
1923 (After the Kanto Eqke.) - 1945	71	202(19)	264(25)	264(25)	64(6)	1058(100)	
1946-1965	43	132(12)	154(14)	196(17)	579(51)	66(6)	1127(100)
Total	210	590(21)	487(18)	563(20)	972(35)	161(6)	2773(100)

BIBLIOGRAPHY OF FIELD STUDIES ON MAJOR  
EARTHQUAKES IN JAPAN

1. BULLETIN OF THE EARTHQUAKE RESEARCH INSTITUTE

No.	Author	Title	Date	Earthquake	Classification	Notes
* 1-1	H. Ohmura	The Change of Elevation of Land Caused by the Great Earthquake of Sept. 1, 1923.	1926	Kanto	Sub. & Uph.	
* 1-2	Hydrographic Department, Ministry of the Navy	Hydrographic Survey of the Sea Facing the Provinces of Tajima and Tango, Disturbed by a Strong Earthquake.			Tidal Chge.	
1-3	T. Taniguchi	Damages to Buildings in the Province of Tango due to a Destructive Earthquake.	1927	Tango	Buil. Dam.	
* 1-4	The Earthquake Research Inst.	First Report on the Precise Levelling across the Province of Tango.	1927	Tango	Lev. & Tri. Crst. Mvmt.	
1-5	H. Tsuya	Preliminary Report on the Geological Structure of the Tango Earthquake Region.	1928	Tango	Geology	
* 1-6	N. Yamasaki	The Oku-Tango Earthquake of 1927.	1928	Tango	Gen.	Papers by N. Yamasaki
* 1-7	A. Imamura	On the Destructive Tango Earthquake of March 7, 1927.	1928	Tango	Gen.	
1-8	M. Ishimoto	Tilt Variation of the Earth's Surface, Observed at Miyazu-machi and Kawabemura Following the Tango Earthquake.	1928	Tango	Tilt	
* 1-9	H. Ohmura	Horizontal Displacements of the Primary and Secondary Triangulation Points, Observed after the Earthquake of March 7, 1927, in Tango Districts.	1928	Tango	Lev. & Tri. Crst. Mvmt.	
* 1-10	H. Ohmura	Comparision of the Results of the First and Second Precise Levelings in the Region Disturbed by the Tango Earthquake.	1928	Tango	Lev. & Tri.	

No.	Author	Title	Date	Earthquake	Classification	Notes
* 1-11	S. Yonemura	The Report of the Results of Soundings in the Region off the Coast of the Tango Province, after the Earthquakes of 1927.	1928	Tajima	Tidal Chge.	
* 1-12	H. Ohmura	Provisory Map Showing the Horizontal Displacements of the Primary Triangulation Points in Kanto Districts, observed after the Great Earthquakes of Sept. 1, 1923.	1928	Kanto	Lev. & Tri.	
* 1-13	T. Matuzawa	Observation of Some Recent Earthquakes and their Time-Distance Curves (Part 1).	1928		Exp. Meas.	Kanto
* 1-14	T. Matuzawa	Report of Inspection of the Strong Echigo Earthquake, Oct. 27, 1927.	1928	Sekihara	Srvy. Rep.	Tajima Tango
1-15	A. Imamura	On the Horizontal Shift of the Dislocation Following the Recent Destructive Earthquakes in the Kanto District and in the Tango Province.	1928	Kanto Tango	Fault	Tango Sekihara
* 1-16	F. Tada	Physiographic History of the Oku-Tango Peninsula.	1928	Tango	Geology	
* 1-17	H. Ohmura	Comparision of the Results of the Second and Third Precise Levelings in the Region Disturbed by the Tango Earthquake.	1928	Tango	Lev. & Tri.	
* 1-18	C. Tsuboi.	An Interpretation of the Results of the Repeated Precise Levelings in the Tango District after the Tango Earthquake in 1927.	1929	Tango	Crst. Mvmt.	Lev. & Tri.

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
* 1-19	S. Fujiwara	On the Mechanism of the Sagami-Bay Great Earthquake on Sept. 1, 1923.	1929	Kanto	Cause	
* 1-20	T. Matuzawa	Observation of Some Recent Earthquakes and their Time-Distance Curves.	1929		Exp. Meas.	Erimo-misaki, Haneda, Tango, Kushiro, Sekihsara
* 1-21	R. Takahashi	A Graphical Determination of the Position of the Hypocenter of an Earthquake and the Velocity of the Propagation of the Seismic Waves.	1929	Tango	Exp. Meas.	
* 1-22	N. Nasu	On the Aftershocks of the Tango Earthquake.	1929	Tango	Aftershock	
* 1-23	N. Nasu	Further Study of the Aftershocks of the Tango Earthquake.	1929	Tango	Aftershock	
* 1-24	H. Ohmura Land Survey Department	Horizontal Displacements of the Primary and Secondary Triangulation Points, Observed after the Earthquake of March 7, 1927, in the Tango Districts (Part 2).	1929	Tango	Lev. & Tri.	
* 1-25	Land Survey Department	Revision of the Primary Trigonometrical Survey in the Tango District.	1929	Tango	Lev. & Tri.	
* 1-26	T. Terada	Deformation of the Earth's Crust in the Kansai Districts and its Relation to the Orographic Features.	1929	Tango	Crst. Mvmt.	
* 1-27	Land Survey Department	Revision of the Secondary Trigonometrical Survey in the Tango District.	1929	Tango	Lev. & Tri.	
* 1-28	E. Ishii	Comparision of the Results of the Third and Fourth Precise Levelings in the Region Disturbed by the Tango Earthquake.	1929	Tango	Lev. & Tri.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
* 1-29	C. Tsuboi	Investigation on the Deformation of the Earth's Crust in the Tango District connected with the Tango Earthquake of 1927.	1930	Tango	Crst. Mvmt.	
1-30	M. Ishimoto	Tilt Variation of the Earth's Surface, Observed at Sekihara Following the Sekihara Earthquake.	1930	Sekihara	Tilt	
* 1-31	C. Tsuboi	Investigation on the Deformation of the Earth's Crust in the Tango District connected with the Tango Earthquake of 1927 (Part 2).	1930	Tango	Crst. Mvmt.	
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* 1-33	C. Tsuboi	A Note on the Analytical Treatments of the Horizontal Deformation of the Earth's Crust.	1930	Kanto	Crst. Mvmt.	
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* 1-36	A. Imamura	Seismometric Study of the Recent Destructive Kita-Izu Earthquake.	1931	Izu	Exp. Meas.	
* 1-37	Land Survey Department	Comparision of the Results of the Fourth and Fifth Precise Levelings in the Region Disturbed by the Tango Earthquake.	1931	Tango	Lev. & Tri.	
* 1-38	Land Survey Department	Comparision of the Results of the First and Second Precise Levelings on the East Coast Route of the Province of Izu.	1931	Ito	Lev. & Tri.	

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
*1-39		Outline of Investigations of the Great Izu Earthquake.	1931	Izu	Gen.	
*1-40	C. Tsuboi	A Note on the Results of the Repeated Precise Levelings across the Earthquake Area.	1931	Ito	Crst. Mvmt.	
*1-41	W. Inoue	On the Sound Phenomena of the Izu Earthquake of Nov. 26, 1930.	1931	Izu	Sound	
*1-42	K. Musha	On the Luminous Phenomena that Attended the Izu Earthquake, Nov. 26, 1930.	1931	Izu	Lightning	
*1-43	F. Kishinoue	Report of the Strong Earthquake in the Southwestern Part of Kaga Province, Oct. 17, 1930.	1931	Kaga-Minami Srvy. Rep.	Gen.	
*1-44	C. Tsuboi	On the Results of Repeated Precise Leveling around Izu Peninsula	1931	Izu	Crst. Mvmt.	Lev. & Tri.
*1-45	C. Tsuboi	Investigation on the Deformation of the Earth's Crust in the Tango District Connected with the Tango Earthquake of 1927. (Part 3).	1931	Tango	Crst. Mvmt.	
*1-46	R. Takahashi	Results of the Precise Levelings Executed in the Tanna Railway Tunnel and the Movement along the Slicken-side that Appeared in the Tunnel.	1931	Izu	Crst. Mvmt.	Lev. & Tri.
*1-47	T. Terada	Landslide at Hatano.	1932	Kanto	Mt. Indsld.	
*1-48	Y. Ohtsuka	The Geomorphology of the Kano-gawa Alluvial Plain, the Earthquake Fissures of Nov. 26, 1930 and the Pre- and Post-Seismic Crust Deformations.	1932	Izu	Geology	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*1-49	Earthquake Research Inst.	Horizontal Displacements of the Primary and Secondary Triangulation Points, Izu Earthquake Districts.	1932	Izu	Lev. & Tri. Crst. Mvmt.	
*1-50	C. Tsuboi	Investigation on the Deformation of the Earth's Crust in the Tango District connected with the Tango Earthquake of 1927 (Part 4).	1932	Tango	Crst. Mvmt.	
*1-51	C. Tsuboi	Investigation on the Deformation of the Earth's Crust in Izu Peninsula connected with the Izu Earthquake of Nov. 26, 1930.	1932	Izu	Crst. Mvmt.	
*1-52	N. Miyabe	On the Different Types of Time-variation in the Rate of Vertical Displacement of Bench-marks in Tokyo and its Vicinity.	1932	Kanto	Sub. & Uph.	
*1-53		Relative Vertical Displacements of Bench-marks along Routes in Tokyo and the Environs, and from Itabashi to Fujimi.	1933	Nishi - Saitama	Lev. & Tri.	
*1-54	K. Muto	Vertical Displacements of Bench-marks in the Nohbi and Other Districts.	1933	Nohbi (1891)	Lev. & Tri.	
*1-55	C. Tsuboi	Vertical Crustal Displacement in the Seismic Region of Ito, on the East Coast of the Izu Peninsula.	1933	Izu	Sub. & Uph.	
*1-56	Y. Ohtsuka	The Geomorphology and Geology of Northern Izu Peninsula, the Earthquake Fissures of Nov. 26, 1930 and the Pre- and Post-seismic Crust Deformation.	1933	Izu	Geology	
*1-57	T. Suzuki	Report of the Strong Noto Earthquake of Sept. 21, 1933.	1934	Noto	Srvy. Rep.	
*1-58	Earthquake Research Inst.	Precise Levelings in the Province of Izu.	1934	Ito	Lev. & Tri.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
* 1-59	Earthquake Research Inst.	The Relative Vertical Displacements of Bench-marks along the Route from Kunimi to Kasashihō via Nanao.	1934	Noto		Lev. & Tri.
* 1-60	T. Fukutomi	Report of the Strong Izu Earthquake of Mar. 21, 1934.	1934	Minami- Izu	Gen.	
* 1-61	N. Miyabe	A Statistical Study of the Ito Earthquake 1935 Swarms.	1935	Ito	Statistics	Egke. Act.
1-62	T. Matsuzawa	On the Earthquake on Mar. 3, 1933 (Part 1. Epicenter).	1935	Sanriku	Exp. Meas.	(1933)
* 1-63	Y. Ohtsuka	The Ochi Graben in Southern Noto Penin- sula, Japan (Part 1).	1935	Noto	Geology	
* 1-64	T. Suzuki	Seiche in the Tokyo Bay Caused by the Land Upheaval on the Occasion of the Great Earthquake of Sept. 1, 1923.	1935	Kanto	Seiche	
* 1-65	N. Miyabe	The Deformation of the Earth's Crust in Iwate-ken and Miyagi-ken.	1935	Sanriku	Crst. Mvnt.	(1933)
1-66	T. Matsuzawa	On the Earthquake on March 3, 1933 (Part 2. Surface Wave Observed in California).	1935	Sanriku	Exp. Meas.	(1933)
* 1-67	N. Nasu	Supplementary Study on the Stereometrical Distribution of the Aftershocks of the Great Tango Earthquake of 1927.	1935	Tango	Aftershock	Exp. Meas.
* 1-68	N. Nasu	Recent Seismic Activities in the Izu Peninsula (Part 2).	1935	Izu	Egke. Act.	
* 1-69	Y. Ohtsuka	The Ochi Graben in Southern Noto Penin- sula, Japan (Part 2).	1935	Noto	Geology	

No.	Author	Title	Date	Earthquake	Classification	Notes
* 1-70	Y. Ohtsuka	The Ochi Graben in Southern Noto Peninsula, Japan (Part 3).	1935	Noto	Geology	
* 1-71	N. Nasu	The Shizuoka Earthquake of July 11, 1935	1935	Shizuoka	Gen.	
* 1-72	T. Hagiwara	The Shizuoka Earthquake of July 11, 1935	1935	Shizuoka	Gen.	
* 1-73	T. Kinbara	Reports on the Shizuoka Earthquake of July 11, 1935.	1935	Shizuoka	Srvy. Rep.	
* 1-74	T. Saita	The Shizuoka Earthquake of July, 11, 1935.	1935	Shizuoka	Gen.	
* 1-75	H. Matsuo	Damages to the Quay Walls of Shimizu Harbor due to the Earthquake on July 11, 1935, and the Seismic Stability of the Quay Walls.	1935	Shizuoka	Publ. Dam.	
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1-77	T. Matsuzawa	On the Great Earthquake on March 3, 1933 (Part 3. Seismic Motions Off Sanriku before and after the Sanriku Earthquake, and Aftershocks in General).	1933 (1933)	Sanriku	Exp. Meas.	
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* 1-79	H. Kuno	The Geologic Section along the Tanna Tunnel.	1936	Izu	Geology	
* 1-80	N. Nasu	The Kawachi-Yamato Earthquake of Feb. 21, 1936.	1936	Kawachi-Yamato	Gen.	Genroku, Hoei, Ansei
1-81	N. Nasu	Determination of the Natural Periods of the Ground in Osaka.	1936		Ground	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
* 1-82	N. Miyabe	Some Phenomena Associated with the Kawa- chi-Yamato Earthquake of Feb. 21, 1936.	1936	Kawachi- Yamato	Gen.	
* 1-83	T. Saita	Geological and Topographical Investigation of the Earthquake Damage on the Boundary Between Osaka-fu and Nara-ken on Feb. 21, 1936.	1936	Kawachi- Yamato	Geology	Damage
* 1-84	Earthquake Research Inst.	Relative Vertical Displacements of Bench- marks along the Lines of Levels from Fukuroi to Okitsu, from Okitsu to Odawara, and from Okitsu to Kofu.	1936	Shizuoka (1935)	Lev. & Tri.	Crst. Mvmt.
* 1-85	H. Kuno	On the Displacement of the Tanna Fault since the Pleistocene.	1936	Izu	Fault	
* 1-86	T. Takayama	Report on the Field Investigation of the Earthquake of Nov. 3, 1936.	1937		Damage	
* 1-87	T. Nagata	A Comparision of the Results of Magnetic Surveys before and after the Earthquake in Niijima, Dec. 27, 1936.	1937	Niijima (1936)	Cur. & Mag.	
* 1-88	T. Hagiwara	The Niijima Earthquake of Dec. 27, 1936	1937	Niijima (1936)	Aftershock	Srvy. Rep.
* 1-89	N. Miyabe	Supplementary Notes to the Study of Crustal Deformation in the Tango District.	1937	Tango	Crst. Mvmt.	
* 1-90	F. Kishinoue	Frequency -distribution of the Ito Earth- quake Swarm of 1930.	1937	Ito	Egke. Act.	
* 1-91	N. Miyabe	Tsunami Associated with the Sanriku Earthquake that Occurred on Nov. 3, 1936.	1937	Kinka-oki	Tsunami	
* 1-92	S. Yamaguchi	Deformation of the Earth's Crust in the Izu Peninsula in Connection with the Des- tructive Izu Earthquake of Nov. 26, 1930.	1937	Izu	Crst. Mvmt.	

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* 1-93	S. Yoshimura	The Underground Water in the Vicinity of Chiba-shi with Special Reference to Earthquake Damages.	1938	Kanto	Grnd. Wtr.	Damage
* 1-94	T. Minakami	The Hinomisaki-oki Earthquake of Jan. 12, 1938.	1938	Tanabe-wan	Srvy.	Rep.
* 1-95	Y. Ohtsuka	On the Earthquake that Occurred in Nov. 1938 on the Pacific Coast of North-eastern Japan.	1939	Shioya-oki	Srvy.	Rep.
* 1-96	T. Hagiwara	The Ogashima Earthquake of May 1, 1939.	1939	Oga	Srvy.	Rep.
* 1-97	N. Miyabe	The Deformation of the Earth's Surface that Accompanied the Ogashima Earthquake of May 1, 1939.	1939	Oga	Grnd. Def.	
* 1-98	Y. Ohtsuka	On the Earthquake Fissures that Occurred on May 1, 1939 in the Ogashima Region, Akita-ken, Japan.	1939	Oga	Grnd. Def.	
* 1-99	F. Kishinoue	The Tsunami that Accompanied the Oga Earthquake of May 1, 1939.	1939	Oga	Tsunami	
* 1-100	T. Hagiwara	The Ogashima Earthquake and its Aftershock.	1940	Oga	Aftershock	
* 1-101	N. Miyabe	Tsunami Associated with the Earthquake of Aug. 2, 1940.	1940	Shakotan-oki	Tsunami	
* 1-102	F. Kishinoue	A Statistical Investigation of the Strong Earthquake of July 15, 1941 near Nagano.	1941	Nagano	Statistics	
* 1-103	K. Kanai	On the Damage to Buildings in the Nagano Earthquake of July 13, 1941.	1941	Nagano	Buil. Dam.	
* 1-104	T. Saita	The Peculiarities of Dwelling House Construction and the Earthquake Damages in Zenkohji Plain, Nagano-ken.	1941	Nagano	Buil. Dam.	

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* 1-105	Land Survey Department	Results of Revisions of Triangulation and Leveling in the Neighborhood of Ogashima, Akita-ken.	1941	Oga		Lev. & Tri.
1-106	T. Matsuzawa	The Earthquake on Mar. 3, 1933 (Part 3. Distribution of Seismic Intensity).	1942	Sanriku (1933)	Exp. Meas.	
* 1-107	R. Takei	Results of Releveling in the Neighbor- hood of Nagano.	1942	Nagano	Lev. & Tri.	
* 1-108	S. Omote	The Tottori Earthquake of Mar. 4, 1943	1943	Tottori	Gen.	Mar. 4
* 1-109	H. Tsuya	Geological Observations of the Earthquake Faults (Shikano and Yoshioka) of 1943 in Tottori-ken.	1944	Tottori	Fault	Gen.
* 1-110	S. Omote	The Preliminary Report on the Aftershocks 1944 of the Tottori Earthquake.	1944	Tottori	Aftershock	
* 1-111	T. Minakami	Microseismic Observation of Tottori Aftershocks.	1944	Tottori	Aftershock	
1-112	S. Miyamura	The Shikano and Yoshioka Faults Accompany- ing the Tottori Earthquake of Mar. 3, 1933, and the Precise Leveling.	1944	Tottori	Fault	
1-113	T. Matsuzawa	Movements of the Lion Dog Statues due to the Great Tottori Earthquake.	1944	Tottori	Others	
* 1-114	T. Hagiwara	Movement along the Fault that Appeared in the Tottori Earthquake and the Change in the Inclination of the Earth's Surface.	1944	Tottori	Fault	Tilt
* 1-115	T. Nagata	Variation on Earth-Current in the Vicinity of the Sikamo-fault.	1944	Tottori	Cur. & Mag.	

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* 1-116	Land Survey Department	Reports of the Precise Leveling in the Tottori District carried out after the Earthquake of 1943.	1944	Tottori	Lev. & Tri	
1-117	T. Matsuzawa	Damage in Tottori City due to the Tottori Earthquake.	1944	Tottori	Damge	
* 1-118	F. Kishinoue	Damages from the Tottori Earthquake on Sept. 10, 1943.	1945	Tottori	Damge	
* 1-119	T. Minakami	The Tohankai Earthquake Damage and its Aftershocks.	1946	Tohankai	Aftershock	Damge
* 1-120	S. Omote	The Tsunami, the Earthquake Sea Waves, that Accompanied the Great Earthquake of Dec. 7, 1944.	1946	Tohankai	Tsunami	
* 1-121	H. Tsuya	The Fukozu Fault: A Remarkable Earthquake 1946 Fault Formed during the Mikawa Earthquake of Jan. 13, 1946.	1946	Mikawa	Fault	
* 1-122	S. Omote	A Preliminary Report on the Aftershocks 1946 of the Mikawa Earthquake.	1946	Mikawa	Aftershock	
* 1-123	S. Omote	Comparision of the Vulnerability Rates of 1946 the Ground Revealed in Tohankai Mikawa Earthquakes.	1946	Tohankai	Ground	
1-124	S. Miyamura	The Distribution of Seismic Damage Resulting from the Tokaido Earthquake.	1946	Tohankai	Damge	
* 1-125	T. Rikitake	Tsunami in Tsubaki-tomari Bay.	1946	Nankai	Tsunami	
* 1-126	R. Ikegami	A Study on the Overturning of Rectangular 1947 Columns in the case of the Nankai Earthquake on Dec. 21, 1946.	1947	Nankai	Others	

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* 1-127	N. Nasu	Local Phenomena of Tsunami (Part 1).	1947	Nankai	Tsunami	
* 1-128	T. Nagata	Land Deformation of the Muroto Point before and after the Nankaido Great Earthquake on Dec. 21, 1946.	1947	Nankai	Crst. Mvmt.	
* 1-129	T. Minakami	The Earthquake Motions on Various Formations of the Earth's Surface. (I). Observation on Kohchi-shi.	1948	Nankai	Ground	
* 1-130	S. Sakuma	The Earthquake Motions on Various Formations of the Earth's Surface. (II). Observations at Gobo and Kiribe.	1948	Nankai	Ground	
* 1-131	F. Kishinoue	Monthly Numbers of Earthquakes at Kainan-shi, Wakayama-ken in 1947.	1948	Nankai	Egke. Act.	
* 1-132	Y. Sato	The Relation between Seismic Intensity and Epicentral Distance. (I)	1948	Nohbi (1891)	C. R. Col.	Tottori, Furuma
1-133	S. Miyamura	The Relationship between Seismic Motion and Ground Characteristics near Gobo-machi, Wakayama-ken.	1948	Nankai	Ground	Tohnankai, Mikawa, Hachinohe-oki Nankai, Fukui
* 1-134	N. Nasu	Block Movement along Seismic Fault. (I). (Fukui Fault and Others).	1949	Fukui	Fault	
* 1-135	S. Omote	Earthquake Damages in Yokohama-shi due to the Great Kanto Earthquake of Sept. 1, 1923.	1949	Kanto	Damage	
* 1-136	S. Omote	The Relation between Earthquake Damage and the Structure of the Ground in Yokohama.	1949	Kanto	Ground	Damge
* 1-137	K. Kanai	The Relationship between the Earthquake Damage of Non-Wooden Buildings and the Nature of the Ground.	1950	Imaiichi	Others	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
* 1-138	R. Ikegami	The Acceleration of Earthquake Motion Produced from Overturning of the Gravestones in case of Imaichi Earthquake on Dec. 26, 1949.	1950	Imaichi	Others	
* 1-139	D. Shimozura	The Change of the Ground-water Level due to the Imaichi Earthquake.	1950	Imaichi	Grnd. Wtr.	
* 1-140	S. Omote	On the Aftershocks of the Fukui Earthquake (Part 2).	1950	Fukui	Aftershock	
* 1-141	H. Kawasumi	The Imaichi Earthquake of Dec. 26, 1949. General Description.	1950	Imaichi	Gen.	
* 1-142	Y. Koshikawa	Seismometrical Study of the Imaichi Earthquake on Dec. 26, 1949.	1950	Imaichi	Exp. Meas.	
* 1-143	R. Morimoto	Geology of the Imaichi District with Special Reference to the Earthquakes of Dec. 26, 1949. (I).	1950	Imaichi	Geology	
* 1-144	Earthquake Research Inst.	Observation of the Aftershocks Carried out in Imaichi District, Tochigi-ken.	1950	Imaichi	Aftershock	
* 1-145	T. Hagiwara	On the Aftershocks which Accompanied the Imaichi Earthquake, Dec. 26, 1949.	1950	Imaichi	Aftershock	
* 1-146	S. Omote	Aftershocks of the Imaichi Earthquake, Observed at the Nishi-oashi Station.	1950	Imaichi	Aftershock	
* 1-147	T. Asada	On Micro-earthquakes Observed After the Imaichi Earthquake, Dec. 26, 1949.	1950	Imaichi	Sm. Eqke.	
1-148	S. Miyamura	Aftershocks Observed at Funao-mura, Tochigi-ken, Following the Imaichi Earthquake.	1950	Imaichi	Aftershock	

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* 1-149	T. Hagiwara	Observation of the Deformation of the Earth's Surface in the Vicinity of the Epicenters of the Imaichi Earthquake.	1950	Imaichi	Crst. Mvmt.	
* 1-150	R. Takahashi	Results of the Precise Levelings Executed in the Epicentral Region of the Imaichi Earthquake.	1950	Imaichi	Crst. Mvmt.	Lev. & Tri.
* 1-151	T. Honda	Land Slip in the Imaichi District Revealed from the Breaks in the Well-Tubes.	1950	Imaichi	Landslide	
* 1-152	F. Kishinoue	Instrumental Recording of a Landslide caused by the Imaichi Earthquake of Dec. 26, 1949.	1950	Imaichi	Landslide	Exp. Meas.
* 1-153	K. Kanai	On the Damage to Buildings by the Imaichi Earthquake of Dec. 26, 1949.	1950	Imaichi	Buil. Vib.	Aftershock
* 1-154	K. Kanai	Experimental Study of Vibrations of Structures Caused by Aftershocks of the Imaichi Earthquake of Dec. 26, 1949.	1950	Imaichi	Exp. Meas.	
* 1-155	Earthquake Research Inst.	Seismometrical Data of the Imaichi Earthquake, Dec. 26, 1949.	1950	Imaichi	Exp. Meas.	
* 1-156	E. Inoue	On the Vertical Displacements Accompanying the Imaichi Earthquake of 1949.	1951	Imaichi	Sub. & Uph.	
* 1-157	S. Omote	Relationship between the Earthquake Damage and the Structure of the Ground in Nagoya-shi.	1951	Tohankai	Ground	Damage
* 1-158	K. Kanai	Relationship between the Earthquake Damage of Non-Wooden Buildings and the Nature of the Ground (Part II).	1951	Kanto	Fault	

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* 1-159	N. Nasu	Block Movement along the Seismic Fault (2).	1951	Nobi (1891)	Fault	
* 1-160	Y. Koshikawa	Seismometrical Study of the Imaichi Earthquake on Dec. 26, 1949 (The second paper).	1951	Imaichi	Exp. Meas.	
1-161	F. Kishinoue	Time Distribution of Perceptible After-shocks of the Earthquake of Dec. 26, 1949.	1951	Imaichi	Aftershock	
* 1-162	R. Morimoto	The Geology of the Imaichi District with Special Reference to the Earthquake of Dec. 26, 1949 (II).	1951	Imaichi	Geology	
* 1-163	S. Shimozuru	Reflections on the Tsunami of Dec. 21, 1946.	1952	Nankai	Tsunami	
* 1-164	K. Kanai	The Relationship between Earthquake Damage and the Nature of the Ground. (Case of Wooden Houses and Peat Bed).	1953	Tokachi- oki	Ground	Damage
* 1-165	A. Okada	Land Deformation of the Neighborhood of Muroto Point after the Great Nankaido Earthquake of 1946.	1953	Nankai	Crst. Mvmt.	
* 1-166	I. Murai	Tectonic Analysis of the District Surrounding the Fukui Plain.	1955	Fukui	Geology	
* 1-167	Y. Sato	The Relationship between Seismic Intensity and Epicentral Distance (2).	1955	Nohbi (1891)	C. R. Col.	Tottori, Furuma Tohankai, Mikawa, Hachinohe oki, Nankai, Fukui, Akinoumi Imaichi, Tokachi oki, Daishoji
* 1-168	K. Kasahara	A Short Discussion on Ripples in Earthquake Shocks (Aftershocks of the Bohs- oki Earthquake).	1955	Bohsoro-oki	Wave Mtn.	Aftershock

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					cation	
* 1-169	S. Omote	Aftershocks that Accompanied the Tottori Earthquake of Sept. 10, 1943 (Part 2).	1955	Tottori	Aftershock	
* 1-170	E. Shima	Futatsui Earthquake of October 19, 1955.	1956	Futatsui	Gen.	
1-171	S. Miyamura	Leveling along the Yoshin River (Part 3. Vertical Movement of the Ground Following the Futatsui Earthquake, Oct. 19, 1955 ).	1956	Futatsui	Lev. & Tri.	
* 1-172	S. Ooba	Study of the Relationship between the Subsoil Conditions and the Distribution of the Damage Percentage of Wooden Dwelling Houses on the Province of Tohoku in the case of the Tohankai Earthquake of Dec. 7, 1944.	1957	Tohankai	Buil. Dam.	Ground
* 1-173	R. Morimoto	Geology of Imaichi District with Special Reference to the Earthquake of Dec. 26, 1949 (III).	1957	Imaichi	Geology	
* 1-174	A. Okada	Shiroishi Earthquake of Sept. 30, 1956, and Precise Leveling Resurvey of its Epicentral Area, Miyagi-ken.	1958	Shiroishi	Lev. & Tri.	
* 1-175	F. Kishinoue	A Study of the Shohnai Earthquake of 1894.1958	1958	Shohnai	Gen.	
* 1-176	T. Matsumoto	Teshikaga Earthquake of Jan. 31, 1959.	1959	Teshikaga	Aftershock	
* 1-177	R. Takahashi	Studies on the Spectrum of Tsunami.	1961	Chilean	Tsunami	Iturup (1958)
1-178	A. Okada	Land Deformation Accompanying the Nagaoka Earthquake, Feb. 2, 1961.	1961	Nagaoka		Sanriku, etc.
* 1-179	Y. Ohsawa	On the Damage to Buildings during the Nagaoka Earthquake of Feb. 2, 1961.	1961	Nagaoka	Buil. Dam.	

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					cation	
* 1-180	R. Takahashi	On the Tsunami which Accompanied the Hyuga-nada Earthquake of Feb. 27, 1961.	1961	Hyuga-nada	Tsunami	
* 1-181	R. Yoshiyama	Earthquake near the National Park Hakusan on Aug. 19, 1961.	1961	Kita-Mino	Gen.	
* 1-182	F. Kishinoue	Field Studies of the Kita-Mino Earthquake of Aug. 19, 1961.	1961	Kita-Mino	Gen.	
* 1-183	Y. Ohsawa	On the Damage to Buildings during the Kita-Mino Earthquake of Aug. 19, 1961.	1961	Kita-Mino	Buil.	Damage
* 1-184	T. Hagiwara	Seismological Observation of the Kita-Mino Earthquake, Aug. 19, 1961 and its Aftershocks.	1961	Kita-Mino	Aftershock	
* 1-185	S. Omote	Aftershocks of the Kita-Mino Earthquake of Aug. 19, 1961: Observations at the Kadohara and Hirugano Stations.	1961	Kita-Mino	Aftershock	
* 1-186	S. Miyamura	Observation of Aftershocks of the Kita-Mino Earthquake, Aug. 19, 1961: Observation at Hachiman, Gifu -ken, Central Japan.	1961	Kita-Mino	Aftershock	
* 1-187	I. Murai	Some Notes on the Geologic Structures of the Kita-Mino District.	1961	Kita-Mino	Geology	
* 1-188	R. Morimoto	Geology of the Area Damaged by the Kita-Mino Earthquake (Part 1. The Upper Reaches of the Uchinami River and the Itoshiro River, Fukui-ken and Gifu-ken).	1961	Kita-Mino	Geology	
* 1-189	K. Kanai	Seismic Characteristics in Ground of Mountainous Formation. (Observation of the Aftershocks of the Kita-Mino Earthquake.)	1961	Kita-Mino	Ground	

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* 1-190	F. Kishinoue	Oscillations of Water in a Reservoir, Observed in the Case of the Kita-Mino Earthquake of Aug. 19, 1961.	1962	Kita-Mino	Seich	
* 1-191	K. Aki	Study of Earthquake Waves by a Seismometer Array (Part 1. Aftershocks of the Kita-Mino Earthquake of Aug. 19, 1961).	1962	Kita-Mino	Exp. Meas.	Aftershock
1-192	Y. Sato	On the Earthquakes which Occurred in the Northern Part of Miyagi -ken, Japan, on Apr. 30, 1962.	1962	Miyagi-Kita Gen.		
* 1-193	I. Onda	Studies of the Northern Miyagi Earthquake of Apr. 30, 1962: Compared with the Northern Rikuzen Earthquake of May 12, 1900.	1962	Miyagi-Kita Gen.		
* 1-194	T. Hagiwara	Aftershocks of the Northern Miyagi Earthquake, Apr. 30, 1962, Observed at Tsukuba Station.	1962	Miyagi-Kita Aftershock		
* 1-195	Y. Ohsawa	On the Damage to Buildings during the Northern Miyagi Earthquake of Apr. 30, 1962.	1962	Miyagi-Kita BulI. Dam.		
1-196	A. Okada	Land Deformation of the Northern Miyagi Earthquake of April 30, 1962.	1962	Miyagi-Kita Ground		
* 1-197	A. Jitsukawa	Gravity Surveys in the Area of the Northern Miyagi Earthquake.	1962	Miyagi-Kita Gravity		
* 1-198	T. Momoi	The Effects of Coastlines on the Tsunami (1) and some Remarks on the Chilean Tsunami.	1962	Chilean	Tsunami	
* 1-199	T. Momoi	The Effects of Coastlines on the Tsunami (2) and some Remarks on the Chilean Tsunami.	1962	Chilean	Tsunami	

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					cation	
* 1-200	T. Momoi	The Chilean Tsunami of May 24, 1960 at Amami-Oshima.	1963	Chilean	Tsunami	
* 1-201	T. Momoi	The Chilean Tsunami of May 24, 1960 in the Vicinity of Chohshi.	1963	Chilean	Tsunami	
* 1-202	T. Tanaka	Microtremor Measurement in the Disaster Area of the Nagaoka Earthquake of Feb. 2, 1961.	1963	Nagaoka	Ground	
* 1-203	S. Komaki	A Report of the Hyuga-nada Earthquake of Feb. 27, 1964.	1964	Hyuga-nada	Srvy. Rep.	
* 1-204	T. Tanaka	Microtremor Measayrement in the Disaster Area of the Northern Miyagi Earthquake of April 30, 1962.	1964	Miyagi-Kita	Ground	
* 1-205	T. Hatori	On the Iturup Tsunami of Oct. 13, 1963, as Observed along the Coast of Japan.	1964	Iturup	Tsunami	
* 1-206	S. Nagumo	Field Studies of the Oga-oki Earthquake of May 7, 1964.	1964	Oga-oki	Srvy. Rep.	
* 1-207	I. Aida	A Tsunami Accompanying the Niigata Earthquake of June 16, 1964.	1964	Niigata	Tsunami	
* 1-208	T. Hatori	On the Tsunami which Accompanied the Niigata Earthquake of June 16, 1964: Source Deformation, Propagation and Tsunami Run-up.	1965	Niigata	Tsunami	
* 1-209	T. Hatori	On the Tsunami which Accompanied the Earthquake off the Northwest Coast of Oga on May 7, 1964.	1965	Oga-oki	Tsunami	
* 1-210	S. Yamaguchi	On the Changes in the Heights of Mean Sea Levels before and after the Great Niigata Earthquake on June 16, 1964.	1965	Niigata	Tidal Chge	
* 1-211	F. Kishinoue	A Submarine Fault Line found near Awashima after the Japan Sea Earthquake on June 16, 1964.	1965	Niigata	Fault	

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* 1-212	T. Hatori	On the Alaska Tsunami, Mar. 28, 1964, as Observed along the Coast of Japan.	1965	Alaska	Tsunami	
* 1-213	T. Hatori	On the Possibility of Tsunami Generation at the Time of the Earthquake near Shizuoka on April 20, 1965.	1965	Shizuoka	Tsunami	
* 1-214	I. Murai	Fracture Systems Developed on the Island, 1965 Awashima near the Epicenter of the Niigata Earthquake in 1964.	1965	Niigata	Fault	
* 1-215	T. Matsuda	The Shizuoka-Shimizu Earthquake of Apr. 20 1965, and the "Seismological Blocks" Revealed by the Earthquake.	1965	Niigata	Srvy. Rep.	
* 1-216	Y. Ohsawa	On the Damage to Window Glass in Reinforced Concrete Buildings during the Earthquake of April 20, 1965.	1965	Niigata	Buil. Dam.	
* 1-217	K. Aki	Generation and Propagation of G Waves from the Niigata Earthquake of June 16, 1964 (Part 1. A Statistical Analysis).	1966	Niigata	Cause	
* 1-218	K. Aki	Generation and Propagation of G Waves from 1966 the Niigata Earthquake of June 16, 1964 (Part 2. Estimation of the Earthquake moment, Released Energy, and Stress-Strain Drop from the G Wave Spectrum).	1966	Niigata	Cause	
* 1-219	A. Okada	Postseismic Subsidence of Awashima Island.1966	1966	Niigata	Crst. Mvmt.	
* 1-220	K. Kasahara	Gravity Surveys in Awashima Island and at the Adjacent Sea Bottom.	1966	Niigata	Gravity	
* 1-221	Earthquake Research Inst.	Matsushiro Earthquakes Observed with a Temporary Seismographic Network (Part 1).	1966	Matsushiro	Gen.	Egke. Act.

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* 1-222	K. Kasahara	Electro-Optical Measurement of Horizontal Strains Accumulating in the Swarm Earthquake Area (1).	1966	Matsushiro	Exp. & Cont.	
* 1-223	T. Hagiwara	Observation of Tilting of the Earth's Surface due to Matsushiro Earthquakes. Part 1.	1966	Matsushiro	Tilt	
* 1-224	T. Rikitake	Geomagnetic and Geoelectric Studies of the Matsushiro Earthquake Swarm (1).	1966	Matsushiro	Cur. & Mag.	
* 1-225	T. Rikitake	Geomagnetic and Geoelectric Studies of the Matsushiro Earthquake Swarm (2).	1966	Matsushiro	Cur. & Mag.	
* 1-226	Y. Ohsawa	On the Damage to Buildings and Other Structures during the Earthquake of Jan. 23, 1966 in the Vicinity of Matsushiro.	1966	Matsushiro	Buil. Dam.	
* 1-227	R. Morimoto	Geological Consideration on the Matsushiro Earthquake Swarm since 1965 in Central Japan.	1966	Matsushiro	Geology	
* 1-228	A. Imamura	Past Tsunamis of the Sanriku District.	1934		Tsunami Gen.	
* 1-229	M. Ishimoto	The Tsunami Considered as a Phenomenon of Sea Water Overflowing the Land.	1934	Sanriku (1933)	Tsunami Sanriku (1611, 1896, 1897)	
* 1-230	T. Terada	Luminous Phenomena Accompanying Destructive Sea Waves. (Tsunami).	1934	Sanriku (1933)	Lightning Kushiro-oki, etc.	
* 1-231	S. Yamaguchi	Abnormally High Waves, or "Tsunami" on the Coast of Sanriku in Japan on Mar. 3, 1933.	1934	Sanriku (1933)	Tsunami	
* 1-232	H. Matsuo	Estimation of Energy of Tsunami and Protection of Coasts.	1934	Sanriku (1933)	Tsunami	
* 1-233	H. Matsuo	Experimental Investigation on Prevention of Damage from Tsunami.	1934	Sanriku (1933)	Dis. Prev. Tsunami	

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*1-234	W. Inoue	On Sound Phenomena of the Sanriku Earthquake of March 3, 1933.	1934	Sanriku (1933)	Sound	
*1-235	K. Musha	On the Luminous Phenomena that Accompanied the Great Sanriku Earthquake in 1933. Part 1.	1934	Sanriku (1933)	Lightning	
*1-236	N. Miyabe	An Investigation of the Sanriku Tsunami Based on Mareogram Data.	1934	Sanriku (1933)	Tsunami	
*1-237	Y. Ohtsuka	Tsunami Damages of March 3, 1933 and the Topography of Sanriku Coast, Japan.	1934	Sanriku (1933)	Tsu. Dam. Landform	
*1-238	R. Takahashi	A Model Experiment on the Mechanisms of Seismic Sea Wave Generation. (Part 1).	1934	Sanriku (1933)	Tsunami	
*1-239	G. Nishimura	The Long Wave in a Bay of Variable Section (1).	1934	Sanriku (1933)	Tsunami	
*1-240	R. Takahashi	Seiches and Surface Waves in Ohfunato Bay and Two Other Bays.	1934	Sanriku (1933)	Seiche	
*1-241	N. Nasu	Heights of Tsunami and Damage to Structures.	1934	Sanriku (1933)	Tsu. Dam. • Tsunami	
*1-242	Y. Suehiro	Some Observations on the Unusual Behavior of Fish prior to an Earthquake.	1934	Sanriku (1933)	Eqke. Sgns.	
*1-243	G. Nishimura	An Experimental Study on the Propagation of Tsunami Waves (Part 1).	1934	Sanriku (1933)	Tsunami	
*1-244	Earthquake Research Inst.	Reports on the Sanriku Tsunami of 1933.	1934	Sanriku (1933)	Gen.	Separate vol 1. (Part 2)
*1-245	N. Miyabe	Recent Seismic Activity in Taiwan.	1936	Taiwan (1935)	Eqke. Act.	
*1-246	H. Kawasumi	On a Problem Concerning the Internal Structure of the Earth as Discussed from the Time-Distance Curve of the Formosa Earthquake of April 30, 1935.	1936	Taiwan (1935)	Exp. Meas.	

No.	Author	Title	Date	Earthquake Classification	Classi- fication	Notes
* 1-247	Y. Ohtsuka	The Earthquake of Central Taiwan (Formosa) Apr. 21, 1935 and Earthquake Faults. (Résumé).	1936 (1935)	Taiwan	Fault	
* 1-248	N. Nasu	The Aftershocks of the Formosa Earthquake of 1935.	1936 (1935)	Taiwan	Aftershock	
* 1-249	T. Hagiwara	Observation of Changes in the Earth's Potential at Shukkohko and Kinsui, Formosa.	1936 (1935)	Taiwan	Cur. & Mag.	
* 1-250	N. Miyabe	Change in the Level of the Water of a Well and Aftershocks.	1936 (1935)	Taiwan	Aftershock	Grnd. Wtr.
* 1-251	T. Saita	On the Earthquake Damages and the Ground in Taiwan (Formosa).	1936 (1935)	Ground	Ground	Damage
* 1-252	T. Suzuki	Earthquake Resistivity of Native Formosan Houses of Dokaku Construction.	1936 (1935)	Taiwan	Buil. Dam.	Buil. Dam.
* 1-253	R. Takahashi	Intensity Distribution of the Formosa Earthquake of April 21, 1935, and the Strength of Dokaku Structures.	1936 (1935)	Taiwan	Buil. Dam.	Buil. Dam.
* 1-254	N. Miyabe	The Mechanical Strength of Dokaku.	1936 (1935)	Taiwan	Others	
* 1-255	R. Takahashi	On the Sinuous Buckling of Rails.	1936 (1935)	Taiwan	Publ. Dam.	
* 1-256	Earthquake Research Inst.	Seismometrical Report on the Formosa Earthquake of April 21, 1935, Observed at Hongo, Tokyo.	1936 (1935)	Taiwan	Gen.	

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No.	Author	Title	Date	Earthquake Classification	Notes
2-1	T. Minakami	The Distribution of Seismic Damages Caused by the Tohnankai Earthquake: Mainly, the Relationship between Damage and Ground.	1945	Tohnankai	Damage Ground
2-2	S. Miyamura	General Report on Disaster due to the Earthquake which Occurred in the Tokai District on Dec. 7, 1944: Mainly, on Aseismic National Land Planning in View of the Distribution of Building Damage.	1945	Tohnankai	Buil. Dam. Srvy. rep.
2-3	S. Omote	Tsunami Following the Tohnankai Earthquake, Dec. 7, 1944.	1945	Tohnankai	Tsunami
2-4	K. Kanai	General Report on the Damage to Factories by the Earthquake which Occurred in the Sea of Enshu.	1945	Tohnankai	Damage
2-5	H. Kawasumi	A General Report on the Great Nankai Earthquake of Dec. 21, 1946.	1947	Nankai	Gen.
2-6	K. Kanai	A General Report on Building Damage Casued by the Nankai Earthquake of Dec. 21, 1946.	1947	Nankai	Buil. Dam.
2-7	S. Miyamura	The Seismic Damage Observed in Hyugoken (Mainly, in Awajishima).	1947	Nankai	Damage
2-8	R. Takahashi	A General Report on the Damage to the Kise-Sai Line by the Nankai Earthquake.	1947	Nankai	Publ. Dam.
2-9	N. Nasu	A General Report on the Tsunami Following the Nankai Earthquake of Dec. 21, 1946: Wakayama-ken.	1947	Nankai	Tsunami

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
2-10	S. Omote	Special Report on the Tsunami that Hit the Southern Part of Shikoku Following the Nankai Earthquake.	1947	Nankai	Tsu. Rep.	
2-11	F. Kishinoue	An Opinion on the Tsunami in Wakayama-ken Following the Nankai Earthquake, Dec. 21, 1946.	1947	Nankai	Tsunami	
2-12	T. Minakami	The Aftershocks Observed at Gobo-machi Wakayama-ken: Mainly, the Relation between Earthquake Motion and Ground.	1947	Nankai	Aftershock	Ground
2-13	T. Hagiwara	The Aftershocks Observed at Tomioka-cho, Tokushima-ken, and Muroto-machi, Kohchi-ken.	1947	Nankai	Aftershock	
2-14	T. Nagata	Releveling around Muroto-misaki: Variation of Tilt Following the Nankai Earthquake.	1947	Nankai	Tilt.	Lev. & tri.
2-15	T. Hagiwara	Variation of Tilt Measured at Muroto-misaki by a Tiltmeter using Water Tubes.	1947	Nankai	Tilt	
2-16	T. Rikitake	The Earth Current Observed at Tomioka-cho, 1947 Tokushima-ken, after the Nankai Earthquake.	1947	Nankai	Cur. & Mag.	
2-17	T. Rikitake	Change in Hot Spring Quality in Dohgo Following the Nankai Earthquake.	1947	Nankai	Grnd. Wtr.	
2-18	F. Kishinoue	Sesimic Motion Observed in Hongo, Tokyo Resulting from the Nankai Earthquake of 1946.	1947	Nankai	Exp. Meas.	

No.	Author	Title	Date	Earthquake Classification	Notes
2-19	H. Kawasumi	Report on the Niigata Earthquake that Occurred on June 16, 1964: Preface.	1964	Niigata Gen.	
2-20	R. Yoshiyama	On the Magnitude of the Niigata Earthquake.	1964	Niigata Exp. Meas.	
2-21	Aftershock Observation Party, E.R.I.	The First Report on the Observation of Aftershocks Following the Niigata Earthquake.	1964	Niigata Aftershock	
2-22	S. Miyamura	The Niigata Earthquake and its Aftershocks, Observed in Tsukuba.	1964	Niigata Exp. Meas. Aftershock	
2-23	E. Shima	A Study on the Geological Structure at Long. 139°E. Effectuated by Aftershocks of The Niigata Earthquake.	1964	Niigata Exp. Meas. Aftershock	
2-24	S. Nagumo	A General Report on the Niigata Earthquake: the Survey of the Seismic Region.	1964	Niigata Srvy. Rep.	
2-25	R. Yamaguchi	A General Report on the Niigata Earthquake.	1964	Niigata Srvy. Rep.	
2-26	K. Mogi	A Report on the Niigata Earthquake: Ground Deformation along the Coast between Murakami and Kamo.	1964	Niigata Srvy. Rep. Grnd. Def.	
2-27	T. Yukitake	A Report on the Variation of the Earth's Magnetism Following the Niigata Earthquake.	1964	Niigata Cur. & Mag.	
2-28	I. Aida	Tsunami Following the Niigata Earthquake.	1964	Niigata Tsunami	
2-29	A. Okada	Crustal Movement in the Northern Part of Niigata-ken.	1964	Niigata Crst. Mvmt.	

No.	Author	Title	Date	Earthquake Classification	Classi- fication	Notes
2-30	R. Morimoto	A Geological Study of the Niigata Earthquake.	1964	Niigata	Geology	
2-31	I. Murai	Geological Structures of the Niigata Plain: Mainly the Relationship between Ground Deformation and Earthquake Damage.	1964	Niigata	Geology	Grnd. Def. Damage
2-32	K. Nakamura	Ground Deformation in Awashima Resulting from the Niigata Earthquake.	1964	Niigata	Grnd. Def.	
2-33	T. Matsuda	The Geological Features of Awashima Relating to the Niigata Earthquake.	1964	Niigata	Geology	
2-34	K. Kasahara	Ground Movement Following Upheaval of Awashima: Continuous Observation of Tidal Level.	1964	Niigata	Tidal Chge Sub. & Uph.	
2-35	K. Kanai	Record of Strong Motion of the Niigata Earthquake.	1964	Niigata	Exp. Meas.	
2-36	K. Kanai	Prompt Report on Aftershocks and Micro-tremors Observed in Niigata-shi.	1964	Niigata	Aftershock	Ground
2-37	Y. Ohsawa	A General Report on Building Damage Resulting from the Niigata Earthquake.	1964	Niigata	Buil. Dam.	
2-38	S. Komaki	Aftershocks of the Niigata Earthquake Observed at Showaohashi and at Yachiyobashi and their Comparision.	1964	Niigata	Aftershock	
2-39	Y. Hagiwara	A Report on Seismic Damage Observed at Shioya, Kamabayashi-mura, Iwafune-gun, Niigata-ken.	1964	Niigata	Damage	

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
3-1	A. Imamura	On the Oga-Kanpuhzan Earthquake of 1810.	1929	Oga	Gen.	
3-2	K. Kawasumi	A Study on the Travel Time Curve of the Earthquake in Chiba-ken on May 21, 1928; Mainly, Velocity of the P-wave.	1929	Chiba	Exp. Meas.	
3-3	N. Nasu	Sagamigawa River which reportedly had Bottom Deformation Following the Kanto Earthquake.	1929	Kanto	Grnd. Def.	
3-4	F. Kishinoue	The Seismic Motion Observed in Foreign Countries Following the Tango Earthquake, March 7, 1927.	1929	Tango	Exp. Meas.	
3-5	A. Imamura	The Relationship between the Great Kanto Earthquake with Multi-Hypocenters and the Faults Relating to it.	1929	Kanto	Fault	Cause
3-6	Y. Ohtsuka	On Elongation of the Enmeiji Fault to the East.	1929	Kanto	Fault	
3-7	A. Imamura	The Cause of the Strong Earthquake in Kii on July 4, 1929 and the Tilt before the Earthquake.	1929	Nara-Minami	Cause	Tilt
3-8	A. Imamura	On Topographical Variation Following the Earthquake that Occurred off Nankaido in 1707.	1930	Hoei	Crst. Mvmt.	
3-9	H. Imamura	On the Strong Earthquake Motion in the Area Along the Lower Aritagawa on Nov. 20, 1929.	1930	Aritagawa	Gen.	
3-10	Imamura Office, E.R.I.	First Report on the Ito Earthquake.	1930	Ito	Gen.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
3-11	Imamura Office, E.R.I.	Second Report on the Ito Earthquake	1930	Ito	Gen.	
3-12	N. Nasu	Observation of the Ito Earthquake	1930	Ito		
3-13	F. Kishinoue	The Ito Earthquake Observed at Misaki, Continued.	1930	Ito	Exp. Meas.	
3-14	T. Kodaira	General Report on the Izu Earthquake	1930	Izu	Gen.	
3-15	A. Imamura	A Study on the Kita-Izu Earthquake from the Viewpoint of Instrumentation Engineer- ing.	1931	Izu	Exp. Meas.	
3-16	A. Imamura	Block Movement Following the Great Kanto Earthquake and its Subsequent Process.	1931	Kanto	Crst. Mvmt.	
3-17	R. Musha	Data on Precursory Phenomena of the Edo Earthquake in 1855.	1931	Edo	Eqke. Sgns.	Gen.
3-18	S. Nishimura	Impressions of Flashes of Lightning Observed when Severe Seismic Motion was Experienced in Suruga, Izu and Shonan in November, 1930.	1931	Izu	Lightning	
3-19	A. Imamura	Block Movement When Tokyo Experienced a Strong Earthquake on May 21, 1928 and before it: Fault Running through Tokyo.	1931	Chiba	Crst. Mvmt.	
3-20	T. Kodaira	On the Strong Earthquake in the North of Hiroshima-ken on Dec. 20, 1930.	1931	Hiroshima- Kita	Gen.	
3-21	T. Shimatani	Earthquake Disaster in the Tohoku Dis- trict on March 9, 1931.	1931	Aomori-oki	Damage	
3-22	R. Musha	One the Ise-Ohmi Earthquake of 1819	1931	Ohmi-Ise	Gen.	Mino
3-23	A. Imamura	Topographical Movement during and before the Strong Earthquake observed at Haneda on August 3, 1926.	1931	Haneda	Crst. Mvmt.	

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
3-24	T. Shimatani	The Earthquake in North Kanto on Sept. 21, 1931	1931	Nishi-Saitama	Gen.	
3-25	N. Nasu	A General Report on the Saitama Earthquake.	1931	Nishi-Saitama	Gen.	
3-26	A. Imamura	Seiche in Lake Ashinoko Resulting from the Earthquake.	1932	Izu	Seiche	
3-27	K. Musha	Lightning Following the Minami-Hyuga Earthquake.	1932	Hyuga-nada (1931)	Lightning	
3-28	T. Saita	Effect of Aseismic Structure for the Izu Earthquake.	1932	Izu	Buil. Dam.	
3-29	N. Nasu	A Report on the Tsunami Following the Sanriku Earthquake in 1933 (Part 1).	1933	Sanriku (1933)	Gen.	Tsunami
3-30	N. Nasu	Report on the Tsunami Following the Sanriku Earthquake (Part 2).	1933	Sanriku (1933)	Gen.	Tsunami
3-31	K. Musha	The Sanriku Tsunami.	1933	Sanriku (1933)	Tsunami	
3-32	Y. Ohtsuka	Report on the Tsunami Following the Sanriku Earthquake in 1933 (Part 3).	1933	Sanriku (1933)	Gen.	Tsunami
3-33	T. Suzuki	Report on the Survey of the Districts Damaged by the Noto Earthquake, Sept. 21, 1933.	1933	Noto	Srvy. Rep.	
3-34	F. Kishinoue	On the Sanriku Tsunami in 1933.	1933	Sanriku (1933)	Tsunami	
3-35	Y. Kato	Earthquake Volcanic Activity and the Variation of the Geomagnetic Field: Variation of Geomagnetism due to the Sanriku Earthquake.	1933	Sanriku (1933)	Cur. & Mag. Volcano Eqke. Act.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
3-36	Y. Kato	Earthquake, Volcanic Activity, and the Variation of the Geomagnetic Field: Swarm Earthquakes and Local Variation of Geomagnetism in Okunakayama Districts, Iwate-ken.	1934	Oku-Makayama	Cur. & Mag.	Volcano Eqke. Act.
3-37	Y. Kato	Earthquake, Volcanic Activity, and the Variation of the Geomagnetic Field: Variation of Geomagnetism Following the Nohbi Earthquake in 1891.	1934	Nohbi (1891)	Cur. & Mag.	Volcano Eqke. Act.
3-38	Y. Kato	Earthquake, Volcanic Activity, and the Variation of the Geomagnetic Field: Strong Earthquake in and around Kawaguchi and Ushigakuki, Niigata-ken and Local Variations of Geomagnetism.	1934	Tohkamachi	Cur. & Mag.	Volcano Eqke. Act.
3-39	A. Imamura	Damage to Water Supply Pipes Resulting From the Earthquake.	1934	Sanriku	Publ. Dam.	
3-40	K. Fukutomi	The Preliminary Report on the Signs of Upheaval in the South Coast of Izu.	1934	Tohkaido	Sub. & Uph.	Tohankai (1605)
3-41	H. Tsuya	On "Kaden Fault" Following the Severe Earthquake in North Izu.	1934	Izu	Fault	Ansei, Kanto, et al.
3-42	H. Kawasumi	First Report on the Earthquake that Occurred in the North of Nihon-kai (the Sea of Japan) on Feb. 20, 1931.	1934	Nihonkai	Gen.	
3-43	Y. Kato	Earthquake, Volcanic Activity, and the Variation of the Geomagnetic Field: (Part II: Variation of Geomagnetism Following the Sanriku Earthquake of 1933 (II)).	1934	Sanriku (1933)	Cur. & Mag.	Volcano Eqke. Act.

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
3-44	A. Imamura	Crustal Movement due to the Kisakata Earthquake, 1804, and that due to the Sakata Earthquake, 1894, Derived from Precise Leveling between Akita and Shibata.	1935	Kisakata	Cur. & Mag.	Shohnai
3-45	Y. Kato	Earthquake, Volcanic Activity, and the Variation of the Geomagnetic Field (Part 13: Topographical Movement and Geomagnetic Variation Following the Kita-Izu Earthquake in 1930).	1935	Izu	Cur. & Mag.	Volcano Eqke. Act.
3-46	A. Imamura	My Personal Views on the Shizuoka Earthquake.	1935	Shizuoka (1935)	Gen.	
3-47	Y. Kato	Earthquake, Volcanic Activity and the Variation of the Geomagnetic Field (Part 14: Topographical Movement and Geomagnetic Variation Following the Sanriku Earthquake in 1933 ).	1935	Sanriku (1933)	Cur. & Mag.	Volcano Eqke. Act.
3-48	R. Yoshiyama	Report on the Shizuoka Earthquake: Overturning and Movement of Tombstones.	1935	Shizuoka (1935)	Damage	
3-49	Y. Kato	Earthquake, Volcanic Activity and the Variation of Geomagnetic Field. (Part 15: Topographical Movement and Geomagnetic Variation Following the Sakata Earthquake in 1894).	1935	Shohnai	Cur. & Mag.	Volcano Eqke. Act.
3-50	S. Omote	Report on Various Damages Following the Shizuoka Earthquake, July 11, 1935.	1935	Shizuoka (1935)	Damage	
3-51	T. Matsuda	Report on the Survey of the Seismic Districts of the Shizuoka Earthquake.	1935	Shizuoka (1935)	Srvy. Rep.	

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
3-52	A. Imamura	My Personal Opinion on Earthquakes (Part 27: Big-Movement of Houses due to the Tango Earthquake).	1935	Tango	Gen.	Buil. Dam.
3-53	A. Imamura	Mr. Fukutomi's Report on the Heights of Tsunamis that Hit Shimoda in Izu.	1935	Hoei (1704)	Tsunami	Genroku, Ansei, Kanto
3-54	A. Imamura	Signs of Ground Upheaval due to the the Earthquake in the Ouu Districts.	1935	Kisakata	Sub. & uph. Hoei, Ajikazawa	
3-55	K. Fukutomi	Normal Water Level of Hot Springs at Rendaiji in South Izu Preceding and Following the Shizuoka Earthquake, July 11, 1935.	1935	Shizuoka	Grnd. Wtr.	
3-56	A. Imamura	Ground Movement Following the Noshiro Earthquake of 1964 and that Following the Hoei Earthquake of 1704.	1936	Noshiro	Crst. Mvmt.Hoei	
3-57	N. Nasu	On the Aftershocks following the Taiwan Earthquake of 1935.	1936	Taiwan	Aftershock (1935)	
3-58	R. Yoshiyama	Report on the Earthquake in Kawachi and Yamato on Feb. 21, 1936.	1936	Kawachi- Yamato	Gen.	
3-59	F. Kishinoue	On the Izu-Ohshima Earthquake in 1905	1936	Oshima	Gen.	
3-60	A. Imamura	The Current State of Recovery in Sanriku Coast and of Facilities Against Tsunami.	1936	Sanriku (1933)	Tsunami	
3-61	A. Imamura	Traces of Ground Upheaval Observed in Kushimoto.	1936	Ansei Hoei	Sub. & uph.	
3-62	T. Suzuki	Seiche Observed in Lake Ashinoko Follow- ing the Kita-Izu Earthquake of Nov. 26, 1930.	1936	Izu	Seiche	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
3-63	T. Matsuzawa	On the Earthquake that Occurred on March 18, 1934.	1936		Exp. Meas.	
3-64	T. Saita	The Relationship between the Damage Caused by the Ko-No Earthquake, 1909, and the Ground Characteristics.	1936	Ko-No	Ground	Damage
3-65	F. Kishinoue	The Distribution of Earthquake Motions before and after the Izu Earthquake in 1930.	1936	Izu	Egke. Act.	
3-66	T. Suzuki	My Impressions of "On the Oscillation of Tokyo Bay Resulting from the Great Kanto Earthquake in 1923" by Mr. Hirono.	1937	Kanto	Seiche	
3-67	S. Haeno	The Displacement of Simple-Figured Bodies due to the Niijima Earthquake.	1937	Niijima	Others	
3-68	S. Nakamura	Swarm Earthquakes that Occurred in and around Osarizawa-machi and Hanawa-machi, Akita-ken, in Nov., 1936.	1937	Osarizawa	Gen.	
3-69	T. Suzuki	An Analysis of the Seiche Observed in Lake Ashinoko Following the Kita-Izu Earthquake in 1930 (Part 1).	1937	Izu	Seiche	
3-70	R. Yoshiyama	Report on the Earthquake in Kawachi and Yamato on Feb. 21, 1936.	1937	Kawachi - Yamato	Gen.	
3-71	T. Suzuki	Analysis of the Seiche Observed in Lake Ashinoko Following the Kita-Izu Earthquake in 1930 (Part 2).	1937	Izu	Seiche	
3-72	H. Tsuya	Fault in Midori and Geological Characteristics therearound.	1937	Nohbi (1891)	Fault	Geology

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					cation	
3-73	K. Fukutomi	Sign of Upheaval Observed in Niijima and Shikinejima, Izu.	1938	Genroku	Sub. & Uph.	
3-74	H. Kawasumi	Strong Earthquake that Occurred off Misaki in Wakayama-ken on Jan. 12, 1938.	1938	Tanabe-wan	Gen.	
3-75	Sec. of Publ. Works, Wakayama-ken	Report on the Tsunamis that Occurred in Wakayama-ken during the Hoei Era and the Ansei Era.	1938	Hoei Ansei	Tsunami	Gen.
3-76	F. Kishinoue	Special Report on the Earthquake that Occurred off Iwaki on May 23, 1938.	1938	Iwaki-oki	Gen.	
3-77	K. Iida	The Damage in and around Inawashiro-machi Fukushima-ken, Resulting from the Iwaki-oki Earthquake, May 23, 1938.	1938	Iwaki-oki	Damage	
3-78	H. Tsuya	Report on the Kussharo Earthquake on May 29, 1938.	1938	Kussharo	Gen.	
3-79	Y. Kato	On the Strong Earthquake which Occurred on the Shore of Lake Kussharo on May 29, 1938.	1938	Kussharo	Gen.	
3-80	A. Imamura	The Heights of Tsunamis that Occurred in Tosa during the Hoei Era and the Ansei Era.	1938	Hoei Ansei	Tsunami	Gen.
3-81	Hayakawa	The Damage to Tombstones at Ohtawara-machi in Tochigi-ken by the Iwaki-oki Earthquake, May 23, 1938.	1938	Iwaki-oki	Damage	
3-82	A. Imamura	The Seismic Zone of Ryuhkyu and the Meiwa Tsunami.	1938	Meiwa	Gen.	Tsunami
3-83	Y. Ohtsuka	The Current State of Kawafune Fault Associated with the Riku-U Earthquake in 1896, etc.	1938	Riku-U	Fault	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
3-84	H. Tanakadate	The Kussharo Earthquake in 1938 (Part 1).	1938	Kussharo	Gen.	
3-85	H. Tanakadate	The Kussharo Earthquake in 1938 (Part 2).	1930	Kussharo	Gen.	
3-86	Y. Kato	On the Strong Earthquake that Occurred off Iwaki on Nov. 5, 1938.	1939	Shioya-oki	Gen.	
3-87	R. Takahashi	On the Earthquakes that Occurred Frequently in Ohshima around June 18, 1938.	1939	Ohshima	Egke. Act.	
3-88	A. Imamura	Earthquake Activities in the Ouu District during the Johke Era.	1939		Egke. Act.	
3-89	F. Kishinoue	Survey on the Oga Earthquake of May 1, 1939.	1939	Oga	Srvy. Rep.	
3-90	A. Imamura	The Oga Earthquake and a Trip to Masumi.	1939	Oga	Gen.	
3-91	A. Imamura	The Wave Heights of the Tsunami Observed at Otanidori.	1939	Sanriku (1611)	Tsunami	
3-92	A. Imamura	The Wave Height of the Tsunami Observed at Natsui in 1896.	1939	Sanriku (1896)	Tsunami	
3-93	Y. Kato	On the Great Earthquake in Oga Peninsula on May 1, 1939.	1939	Oga	Gen.	
3-94	K. Musha	Phenomena of Lightning Associated with the Oguni Earthquake, the Hiromisaki-oki Earthquake, and the Iwaki-oki Earthquake.	1939	Tanabe-wan	Lightning	Oguni, Iwaki-oki
3-95	F. Kishinoue	The Tsunami Following the Oga Earthquake of May 1, 1939.	1939	Oga	Tsunami	
3-96	A. Imamura	Considerations on the Oga Earthquake.	1939	Oga	Gen.	

	No.	Author	Title	Date	Earthquake	Classification	Notes
In	3-97	A. Imamura	Anomaly shown by the Sea and the Fish because of the Oga Earthquake.	1939	Oga		Others
In	3-98	H. Tanakadate	Tilting Following the Oga Earthquake in May, 1939.	1939	Oga		Tilt
In	3-99	Y. Kato	The Earthquake that Occurred in and Around Naruko and Onikubi in Sept., 1939.	1939	Naruko-Onikubi	Srvy. Rep.	Exp. Meas.
Ki	3-100	A. Imamura	Report on the Shipwreck of Jiana-kan Resulting from the Tsunami.	1939	Ansei	Tsunami	Gen.
On	3-101	T. Hagiwara	The Distribution of Aftershocks Following the Oga Earthquake in May, 1939.	1940	Oga		Aftershock
Mi	3-102	H. Tanakadate	Tilting Following the Oga Earthquake in May, 1939 (Part 2).	1940	Oga		Tilt
Na	3-103	K. Fukutomi	Abnormal Water Level of Hot Springs at Readaiji on South Izu Preceding and Following the Shizuoka Earthquake, July 11, 1935 (Part 2).	1940	Shizuoka (1935)		
Ha	3-104	A. Imamura	The Heights of the Tsunamis at Hiro-mura during the Hoei Era and the Ansei Era.	1940	Hoei Ansei	Tsunami	
Mi	3-105	A. Imamura	Comments on "Report on the Shipwreck of Jiana-kan Resulting from the Tsunami".	1940	Ansei	Tsunami	Gen.
Na	3-106	N. Miyabe	A Brief Report on the Tsunami that Occurred in the North of the Sea of Japan on August 2, 1940.	1940	Shakotan-oki	Tsunami	
Ha	3-107	A. Imamura	The Great Hakuhō Earthquake.	1941	Hakuhō		Gen.
Ko	3-108	A. Imamura	The Ground Movement Associated with the Oga Earthquake, 1939.	1941	Oga		Crst. Mvt.
Im							

Author	Title	Date	Earthquake	Classi- fication	Notes
				assi- cation	Notes
Mamura	Restudying the Ugoen Earthquake.	1944	Ugosen	Gen.	
Mamura	Crustal Movement Following the Inaba Earthquake.	1944	Tottori	Crst. Mvmt.	
Musha	The Tsunami in Iwami.	1944	Meiwa	Tsunami	re
Musha	The Great Earthquake that Inba, Hohki, and Mimasaka Experienced in 1710.	1944	Inaba-Hohki-Gen. Mimasaka		Vy. Rep.
Musha	The Inaba-Hohki-Mimasaka Great Earthquake of 1710 and the Ozaki's Residence in Uno-mura.	1944	Inaba-Hohki-Mimasaka	Buil. Dam. Gen.	:n.
Musha	Seismic Damage up the Asahikawa River.	1944	Tottori	Damage	Hoei, Ansei
Imamura	Impressions of the Earthquake that Occurred off Enshu.	1944	Tohnankai	Gen.	V. & Tri. mers
Futami	Report on the Earthquake Damages in Aichi-ken and Shizuoka-ken.	1945	Tohnankai	Damage	P. Meas.
Imamura	On Predictive Signs of the Severe Earthquake Occurring in the North of Atsumi Bay.	1945	Mikawa	Egke. Signs	:n.
Miyamura	Two Charactersitic Ground Deformations Observed at the Time of the Survey of Districts Damaged by the Enshu-oki Earthquake of Dec. 7, 1944.	1945	Tohnankai	Grnd. Def.	Srvy. Rep.
Musha	The Kanto Earthquake in 1923 and Hot Springs in Miasa.	1945	Kanto	Grnd. Wtr.	:n. Tsunami
Imamura	Supplement to Study on the Kasho (Shohnai) Earthquake.	1945	Shohnai	Gen.	The Kagi Dist.
					( 850 )

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
3-146	E. Yoshinobu	State of the Tsunami on Dec. 7, 1944 Observed in Izu and Districts.	1945	Tohankai	Gen.	Tsunami
3-147	Y. Koshikawa	Seismometrical Note of the Tohankai Earthquake on Dec. 7, 1944 (A study of Undersea Earthquakes (the First Report)).	1948	Tohankai	Exp. Meas.	
* 3-148	G. Kitazawa	On the Relationship between Earthquake Damages and the Hardness of the Ground.	1948	Kanto	Ground	Damage
* 3-149	S. Sano	Crustal Deformation Associated with the Oga Earthquake, 1939.	1948	Oga	Crst. Mvmt.	
3-150	S. Murauchi	Study on the Change in Seismic Activities before and After the Great Earthquake (Part 1).	1949	Nankai	Eqke. Act.	
* 3-151	R. Yoshiyama	On the Nankaido Earthquake and One of its Aftershocks.	1950	Nankai	Aftershock	
* 3-152	S. Takagi	Distribution of Initial Motions of the Great Kanto Earthquake.	1950	Kanto	Cause	
* 3-153	G. Kitazawa	Distribution of Seismic Intensities in Downtown Tokyo.	1950	Kanto	Others	
3-154	R. Yoshiyama	Travel-Time Curve of the Fukui Earthquake in 1948 and Crustal Structure.	1951	Fukui	Exp. Meas.	
3-155	H. Kobayashi	Damage to Buildings in Southern Hokkaido by the Earthquake of March 4, 1952.	1952	Tokachi-oki Buil. Dam.		
* 3-156	S. Miyamoto	On the Luminous Phenomena that Accompan- ied the Nankaido Earthquake.	1954	Nankai	Lightning	
* 3-157	S. Miyamoto	New Monographs for Estimating Epicenter.	1955	Fukui	Exp. Meas.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
3-158	S. Miyamoto	Anomalies of Seismic Wave Velocity before and after the Fukui Earthquake: One way of Predicting a Great Earthquake.	1956	Fukui	Sign	Wave Mtn.
3-159	S. Komura	A Consideration on the Mechanism of the Occurrence of a Severe Earthquake.	1957	Fukui	Cause	
3-160	S. Komura	A Consideration on the Mechanism of the Occurrence of a Severe Earthquake (II).	1957	Tango	Cause	Izu
3-161	S. Kanda	The Earthquake and Accompanying Tsunami with Epicenter off Boso on Oct. 9, in the Fifth Year of Eupo (1677).	1962	Eupo	Gen.	Shizuoka Tokachi-oki
3-162	I. Muramatu	The Magnitude of the Nohbi Earthquake, Oct. 28, 1891.	1962	Nohbi (1891)	Exp. Meas.	
*3-163	T. Wada	Source Mechanism of the Chilean Earthquake from Spectra of Long-Period Surface Waves.	1963	Chilean	Cause	
*3-164	H. Miki	Observations of Ultra Microearthquakes in the Vicinity of the Neo Valley Fault in Central Honshu, Japan.	1965	Nohbi (1891)		
*3-165	S. Miyamoto	The Anomaly of Wells before the Nankaido Earthquake.	1965	Nankai	Grnd. Wtr. Eqke. Sgns.	
*3-166	H. Miyoshi	The Historical Facts of "Inamura no Hi": In Connection with the Tsunami of 1854 (Part 1).	1966	Ansei	Tsunami	Gen.
*3-167	H. Miyoshi	The Historical Facts of "Inamura no Hi": In Connection with the Tsunami of 1854. (Part 2).	1966	Ansei	Tsunami	Gen.
3-168	Y. Fujii	Gravity Variation in the Area Shaken by the Niigata Earthquake of June 16, 1964.	1966	Niigata	Gravity	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
4-1	H. Sato	The Great Kanto Earthquake and Its Motion Records Observed in Several Places in the World.	1925	Kanto	Exp. Meas.	
4-2	T. Ishikawa	Earthquakes which Occur in and around Tokyo Bay.	1925	Kanto	Gen.	
4-3	S. Fujiwara	Mechanism of the Earthquake which Occurred in the Sea of Sagami.	1925	Kanto	Cause	
4-4	T. Ishikawa	The Earthquake which Occurred in and around Gifu on July 7, 1925.	1925	Gifu-Kita	Gen.	
4-5	S. Kunitomi	Consideration on the Earthquake which Occurred in the Eastern Part of the Straits of Tsugaru on Feb. 4, 1926.	1926	Erimo-misaki	Gen.	
4-6	Obihiro Weather Station	A General Report on the Earthquake which Occurred in the Area under the Jurisdiction of Obihiro Weather Station about 0:30 on Sept. 5, 1926.	1926	Obihiro-oki	Gen.	
4-7	K. Sagisaka	On the Earthquake that Occurred in Tokyo Bay on Aug. 3, 1926.	1926	Haneda	Gen.	
4-8	S. Kunitomi	General Statement on the Severe Earthquake Experienced in Kita-Tango.	1928	Tango	Gen.	
4-9	S. Kunitomo	General Report on the Geology of the Kita-Tango District.	1928	Tango	Geology	
4-10	H. Sato	The Severe Kita-Tango Earthquake: Distribution of its Seismic Intensities and Damages, and Observation of Subterranean Rumblings.	1928	Tango	Gen.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
4-11	S. Kunitomi	The Fault Created by the Kita-Tango Earthquake.	1928	Tango	Fault	
4-12	T. Ishikawa	Atmospheric Pressure which might have Caused the Kita-Tango Earthquake.	1928	Tango	Statistic	Cause
4-13	K. Wadachi	The Kita-Tango Earthquake and the Earthquake Occurring Deep under Ground.	1928	Tango	Gen.	Egke. Act.
4-14	S. Kunitomi	Seismological Investigation of the Severe Earthquake of Kita-Tango.	1928	Tango	Exp.	Meas. Cause
4-15	K. Sagisaka	Report on the Aftershocks Following the Kita-Tango Severe Earthquake.	1928	Tango	Aftershock	
4-16	S. Fujiwara	The Kita-Tango Earthquake and Experiments on Cracks in the Ground.	1928	Tango	Crst. Mvmt.	
4-17	S. Kunitomi	Survey Report on the Area of Severe Seismic Motion due to the Kita-Tango Earthquake.	1928	Tango	Srvy. Rep.	
4-18	R. Yaguwa	Survey Report on the Area Shaken by the Great Kita-Tango Earthquake (Part 2).	1928	Tango	Srvy. Rep.	
4-19	K. Seki	Survey Report on the Area Shaken by the Great Kita-Tango Earthquake (Part 2).	1928	Tango	Srvy. Rep.	
4-20	M. Murobase	Survey Report on the Area Shaken by the Great Kita-Tango Earthquake (Part 3).	1928	Tango	Srvy. Rep.	
4-21	S. Fujiwara	Survey Report on the Area Shaken by the Kita-Tango Earthquake.	1928	Tango	Srvy. Rep.	
4-22	S. Kunitomi	Seismological Investigation on the Great Kanto Earthquake.	1928	Kanto	Exp. Meas.	Cause

No.	Author	Title	Date	Earthquake Classification	Notes
4-23	R. Hirano	On the Earthquake that Occurred in and around Han-no, Musashi, at 10:21 A.M., March 23, 1928 (Report from Kumagaya Weather Station).	1928	Han-no	Gen.
4-24	S. Hamashima	The Earthquake that Ishinomaki Experienced on the Morning of Aug. 6, 1927.	1928	Miyagi-oki	Gen.
4-25	K. Tokisaka	The Travel-Time Curve of the Earthquake that Occurred off the Mouth of the Abukuma River.	1928	Miyagi-oki	Exp. Meas.
4-26	K. Hayata	Report on the Hyuga-nada Earthquake of May 22, 1929.	1929	Hyuga-nada (1929)	Gen.
4-27	T. Ishikawa	Report on the Earthquake in and around Amakusajima, Kyushu, on June 3, 1928: Mode of Seismic Energy Attenuation.	1929	Heijima-Nishi	Cause
4-28	K. Hayata	Report on the Sagami Earthquake that Occurred on July 27, 1929.	1930	Sagami	Gen.
4-29	Yokohama Weather Station	Survey Report of the Area Shaken by the Sagami Earthquake, July 27, 1929.	1930	Sagami	Srvy. Rep.
4-30	Hakodate Weather Station	General Report on the Asshabe-mura Earthquake in Hiyama-gun on Jan. 21, 1929.	1930	Asshabe	Gen.
4-31	Muroran Weather Station	The Earthquake which Occurred on Jan. 20, 1929.	1930	Tosshunbe	Gen.
4-32	Nagano Weather Station	The Earthquake which Occurred around 2:03 on March 16, 1929,	1930	Susaka	Gen.
4-33	Fukuoka Weather Station	The Report on the Earthquake in Fukuoka-ken on August 8, 1929.	1930	Fukuoka-Nishi	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
4-34	Central Meterological Observ.	Report on the Kita-Izu Earthquake of Nov. 26, 1930.	1930	Izu	Gen.	
4-35		Photographs Surveying the Kita-Izu Earthquake (Fig. 1 to Fig. 96).	1930	Izu	Srvy. Rep.	
4-36	S. Kunitomi	General Investigation on the Kita-Izu Earthquake.	1930	Izu	Gen.	
4-37	S. Kunitomi	Geographical and Geological Features of the Izu Peninsula.	1930	Izu		
4-38	Department of Weather Forecasting, C.M.O.	Weather Conditions of Dec. 25, and 26, 1930.	1930	Izu	Others	
4-39	H. Fuchimoto	Frequency of Earthquakes that Occurred in North Izu and the Rate of the Atmospheric Pressure Variation.	1930	Izu	Eqke. Act. Statistics	
4-40	Seismological Dept., C.M.O.	Observation of the Kita-Izu Earthquake.	1930	Izu	Exp. Meas.	
4-41	T. Ishikawa	Displacement Characteristics: Recorded by a Seismograph.	1930	Izu	Exp. Meas.	
4-42	T. Ishikawa	Tilting Movement Recorded by a Seismograph.	1930	Izu	Tilt	Exp. Meas.
4-43	T. Ishikawa	Long-Period Wave Recorded by a Seismograph.	1930	Izu	Wave Mtn.	Exp. Meas.
4-44	S. Kunitomi	A General Report on the Fault Associated with the Kita-Izu Earthquake.	1930	Izu	Fault	

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
4-45	Seismological Dept., C.M.O.	Report on the Damage Resulting from the Kita-Izu Earthquake.	1930	Izu		Damage
4-46	S. Kunitomi	The Relationship between the Kita-Izu Earthquake and the Swarm Earthquakes in Ito.	1930	Izu		Eqke. Act.
4-47	S. Fujiwara	A Comparision with the Model Experiment.	1930	Izu	Fault	
4-48	S. Kunitomi	Lightening Associated with the Earthquake.	1930	Izu	Lightening	
4-49	S. Fujiwara	Report on the Survey of the Area Shaken by the Kita-Izu Earthquake.	1930	Izu		Srvy. Rep.
4-50	S. Kunitomi	Report on the Survey of the Area Shaken by the Kita-Izu Earthquake.	1930	Izu		Srvy. Rep.
4-51	K. Honda	Report on the Survey of the Area Shaken by the Kita-Izu Earthquake.	1930	Izu		Srvy. Rep.
4-52	K. Sagisaka	Report on the Survey of the Area Shaken by the Kita-Izu Earthquake.	1930	Izu		Srvy. Rep.
4-53	T. Ishikawa	Report on the Survey of the Area Shaken by the Kita-Izu Earthquake.	1930	Izu		Srvy. Rep.
4-54	K. Honda	Report on the Survey of Districts in which Landslides Occurred in Toyama-ken.	1930	Izu		Srvy. Rep.
4-56	Central Meteo- rological Obser.	Report on the Kita-Izu Earthquake, Dec. 26, 1930 (Part 2).	1931	Izu	Gen.	
4-57	S. Kunitomi	On the Ground Weak Line in Noto and the Sagami Bay.	1931	Izu	Gen.	Geology

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
4-58	T. Ishikawa	Earthquake Activities in Central Honshu, and the Kita-Izu Earthquake.	1931	Izu	Eqke. Act.	
4-59	K. Sagisaka	Speed of Seismic Wave Propagating Shallow in the Crust (Part 1).	1931	Izu	Exp. Meas.	
4-60	K. Sagisaka	Speed of Seismic Wave Propagating Shallow in the Crust (Part 2).	1931	Izu	Exp. Meas.	
4-61	H. Honda	On Propagation Speed of the Seismic Longitudinal Wave.	1931	Izu	Exp. Meas.	
4-62	H. Honda	Anomaly Observed in Propagation Speed of Seismic Waves in Japan.	1931	Izu	Exp. Meas.	
4-63	K. Hayata	Displacement Characteristics Recorded by a Seismograph during the Kita-Izu Earthquake.	1931	Izu	Exp. Meas.	
4-64	K. Hayata	Locations of Epicenters of Fore and Aftershocks in the Kita-Izu Earthquake.	1931	Izu	Exp. Meas.	Foreshock Aftershock
4-65	K. Sagisaka	The Relationship between Fore- and Aftershocks of the Kita-Izu Earthquake and Atmospheric Pressure.	1931	Izu	Statistics	Foreshock Aftershock
4-66	K. Hayata	On the Strong Earthquake in Ito and Districts on March 22, 1930.	1931	Ito	Gen.	
4-67	S. Kunitomi	Report on the Faults Observed along Atamikaido Highway, in the Tashiro Basin, and in the Ukihashi Basin.	1931	Izu	Fault	
4-68	S. Kunitomi	Survey Report on the Area Shaken by the Kita-Izu Earthquake.	1931	Izu	Srvy. Rep.	

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
4-69	S. Kunitomi	Survey Report of the Area Shaken by the Kita-Izu Earthquake.	1931	Izu	Srvy. Rep.	
4-70	S. Kunitomi	General Survey of the Strong Earthquake in the West of Saitama.	1931	Nishi-Saitama	Gen.	
4-71	S. Kunitomi	A Study on the Direction of the Initial Motion of the Nishi-Saitama Earthquake.	1931	Nishi-Saitama	Cause	
4-72	H. Honda	The Mechanism of the Shallow Earthquake and the Weather Conditions.	1931	Nishi-Saitama	Cause	
4-73	K. Sagisaka	Observations of the Nishi-Saitama Earthquake.	1931	Nishi-Saitama	Exp. Meas.	
4-74	Kumagaya Weather Station, Saitama-ken.	Report on the Strong Earthquake in the West of Saitama.	1931	Nishi-Saitama	Gen.	
4-75	H. Honda	Survey Report on the Area Shaken by the Nishi-Saitama Earthquake.	1931	Nishi-Saitama	Srvy. Rep.	
4-76	H. Honda	Survey Report on the Area Shaken by the Nishi-Saitama Earthquake.	1931	Nishi-Saitama	Srvy. Rep.	
4-77	R. Kato	Survey Report on the Area Strongly Shaken by the Nishi-Saitama Earthquake.	1931	Nishi-Saitama	Srvy. Rep.	
4-78	T. Ishikawa	Report on the Seismic Disaster Observed in Kumagaya-machi.	1931	Nishi-Saitama	Damage	
4-79	T. Ueno	Report on the Seismic Damage in and around Chichibu-machi.	1931	Nishi-Saitama	Damage	

No.	Author	Title	Date	Earthquake Classification	Notes
4-80	K. Itami	Survey Report on the Seismic Damages in Fukaya-machi, Fujisawa-mura, and Ohori-mura, Ohsato-gun.	1931	Nishi-Saitama	Srvy. Rep.
4-81	T. Ishikawa	Survey Report on the Seismic Damage in the Area of Ohsato-gun and Chichibu-gun.	1931	Nishi-Saitama	Srvy. Rep.
4-82	T. Ueno	Survey Report on the Seismic Area along the Tone River from Kumagaya-machi to Tsumanuma-machi.	1931	Nishi-Saitama	Srvy. Rep.
4-83	S. Ohchi	Survey Report on the Seismic Damages in Fukiage-mura, Kitaadachi-gun.	1931	Nishi-Saitama	Srvy. Rep.
4-84	S. Uchida	Survey Report on the Seismic Damages in Fukaike-mura, Kitaadachi-gun.	1931	Nishi-Saitama	Srvy. Rep.
4-85	S. Ohchi	Survey Report on the Seismic Damages in and around Honjo-machi and Kodama-machi in the Northeastern Part of Saitama-ken.	1931	Nishi-Saitama	Srvy. Rep.
4-86	T. Ishikawa	Survey Report on the Seismic Areas Damaged by the Earthquake.	1931	Nishi-Saitama	Srvy. Rep.
4-87	K. Yoshimoto	Survey Report on the Seismic Damage from Kumagaya-machi to Ogawa-machi.	1931	Nishi-Saitama	Srvy. Rep.
4-88	Y. Kawamoto	Survey Report on the Seismic Damage to the Area along the South Bank of the Tone River in the Northeastern Part of Saitama-ken.	1931	Nishi-Saitama	Srvy. Rep.
4-89	S. Ohchi	Survey Report on the Crack at Minamishirroyama, Ohkawa-mura, Hiki-gun and the Subsidence at Koshigoe.	1931	Nishi-Saitama	Srvy. Rep. Grnd. Def.

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4-90	Y. Kawamoto	Survey Report on the Landslide at the Hachinin Pass, Ohta-mura, Chichibu-gun.	1931	Nishi-Saitama	Srvy. Rep.	Landslide
4-91	T. Ishikawa	Survey Report on the Seismic Damages Observed in Iwadono-yama, Hiki-gun.	1931	Nishi-Saitama	Srvy. Rep.	
4-92	Maebashi Weather Station, Gunma-ken.	Survey Report on the Area Shaken Strongly by the Saitama Earthquake.	1931	Nishi-Saitama	Srvy. Rep.	
4-93	K. Sagisaka	On the Movement of the Hypocenter associated with the Kita-Izu Earthquake.	1932	Izu	Exp. Meas.	
4-94	M. Takehana	On the Toshigawa Earthquake.	1932	Toshigawa	Gen.	
4-95	M. Kitada	Report on the Earthquake that Occurred off Uraga, Hokkaido on Feb. 17, 1931.	1932	Uraga-oki	Gen.	
4-96	K. Sagisaka	Propagation Speed of the Seismic Waves Caused by the Foreshock Preceding the Kita-Izu Earthquake.	1933	Izu	Exp. Meas.	
4-97	Central Meteorological Observ.	Report on the Sanriku-oki Strong Earthquake, Mar. 3, 1933 and the Tsunami following it.	1933	sanriku (1933)	Gen.	
4-98	S. Kunitomi	Report on the Sanriku-oki Strong Earthquake and the Tsunami following it.	1933	Sanriku (1933)	Gen.	Tsunami
4-99	H. Honda	Some Thoughts on the Sanriku Tsunami.	1933	Sanriku (1933)		Tsunami
4-100	T. Ishikawa	Characteristics of the Sanriku-oki Earthquake.	1933	Sanriku (1933)	Gen.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
4-101	M. Takehana	On the Propagation Speed of the Seismic Longitudinal Wave due to the Sanriku-oki Earthquake.	1933	Sanriku (1933)	Exp. Meas.	
4-102	H. Honda	Aftershocks of the Sanriku-oki Earthquake.	1933	Sanriku (1933)	Aftershock	
4-103	K. Sekiguchi	Report on the Sanriku Tsunami Observed by Tidal Gauge.	1933	Sanriku (1933)	Tsunami	
4-104	A. Noguchi	On the Arrival Time of the Tsunami at Sanriku Coast.	1933	Sanriku (1933)	Tsunami	
4-105	H. Honda	Measurement of the Sanriku Earthquake.	1933	Sanriku (1933)	Exp. Meas.	
4-106	Seismological Dept., C.M.O.	Report on the Damage Resulting from the Sanriku Tsunami.	1933	Sanriku (1933)	Damage	
4-107	Dept. of Weather Forecasting, C.M.O.	Weather Conditions around Forecasting, C.M.O. March 3, 1933.	1933	Sanriku (1933)	Others	
4-108	S. Kunitomi	Survey Report on Miyagi-ken.	1933	Sanriku (1933)	Tsu. Rep.	
4-109	H. Honda	Survey Report on Iwate-ken.	1933	Sanriku (1933)	Tsu. Rep.	
4-110	K. Sagisaka	Survey Report on the Coast in the Oga Peninsula.	1933	Sanriku (1933)	Tsu. Rep.	
4-111	T. Ishikawa	Survey Report on the Areas Damaged by the Sanriku-oki Strong Earthquake and the Following Tsunami, March 3, 1933.	1933	Sanriku (1933)	Tsu. Rep.	
4-112	Morioka Weather Station	Report on the Tsunami Following the Sanriku-oki Strong Earthquake.	1933	Sanriku (1933)	Tsu. Rep.	
4-113	K. Furutate	Survey Report of the Areas Damaged by the Sanriku-oki Tsunami (Kesen-gun).	1933	Sanriku (1933)	Tsu. Rep.	

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4-114	K. Kubota	Survey Report on the Coast at Kesen-gun Damaged by the Sanriku-oki Tsunami.	1933 (1933)	Sanriku	Tsu. Rep.
4-115	Y. Tsuji	Survey Report on the Area Damaged by the Sanriku-oki Tsunami.	1933 (1933)	Sanriku	Tsu. Rep.
4-116	S. Ninomiya	Survey Report on the Seismic Damages Observed in and around Yamaga-machi and Taoi-mura.	1933 (1933)	Sanriku	Srvy. Rep.
4-117	S. Seki	Survey Report on the Districts Damaged by the Sanriku-oki Tsunami.	1933 (1933)	Sanriku	Tsu. Rep.
4-118	M. Kanazawa	Survey Report on the Districts Damaged by the Sanriku Tsunami.	1933 (1933)	Sanriku	Tsu. Rep.
4-119	M. Kanazawa	A Survey Report.	1933 (1933)	Sanriku	Srvy. Rep. Tsunami
4-120	Morioka Weather Station	Report on the Damage to Iwate-ken Resulting from the Sanriku Tsunami.	1933 (1933)	Sanriku	Tsu. Dam.
4-121	Ishinomaki Weather Station	General Report on the Survey of Damage in Miyagi-ken by the Sanriku Tsunami.	1933 (1933)	Sanriku	Tsu. Rep.
4-122	"	Survey Report on Sakamoto, Arahma, and Mikami Areas.	1933 (1933)	Sanriku	Tsu. Rep.
4-123	Aomori Weather Station	Report on the Tsunami of March 3, 1933. (Part 1).	1933 (1933)	Sanriku	Tsunami
4-124	Aomori Weather Station	Report on the Tsunami of March 3, 1933.	1933 (1933)	Sanriku	Tsunami
4-125	M. Kitada	The Sanriku-oki Earthquake and the Following Tsunami, Observed at Erimo-misaki, Hokkaido.	1933 Gen.	Gen.	Tsunami

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
4-126	Mito Weather Station	Report on the Tsunami in Ibaragi-ken.	1933	Sanriku (1933)		Tsunami
4-127	Tsukubasan Weather Station	Report on the Lightning Phenomenon.	1933	Sanriku (1933)		Lightning
4-128	Kanagawa-ken Weather Station	Report on the Seismic Damage in Kanagawa-ken.	1933	Sanriku (1933)		Damaging
4-129	Kanagawa-ken Weather Station	Report on Lightning-like Flash.	1933	Sanriku (1933)		Lightning
4-130	Osaka Marine Trading Co.	Report on the Sequake Observed from aboard Montevideo-maru.	1933	Sanriku (1933)		Ocean Eqke.
4-131	Nakai Branch of Karakuwamura Elementary Sch.	Big Stone Brought to Taki-hama at Karakuwamura, Motoyoshi-gun by the Tsunami.	1933	Sanriku (1933)		Tsunami
4-132	B. Kaneko	Report on Seaquakes.	1933	Sanriku (1933)		Ocean Eqke.
4-133		Report on the Lightning Phenomena	1933	Sanriku (1933)		Lightning
4-134	E. Ohara	Change in Well Water Level before and after Tsunamis.	1933	Sanriku (1933)	Grnd. Wtr.	Tsunami
4-135	Ministry of Agr. and Forestry	Report on the Sequake Observed from aboard the Urup-maru.	1933	Sanriku (1933)		Ocean Eqke.
4-136	Miyako Weather Station	General Report on the Tsunami of June 15, 1896.	1933	Sanriku (1933)	Tsunami	Tsunami
4-137	Central Weather Station	Report on the Noto Earthquake, Sept. 21, 1933.	1933	Noto	Gen.	
4-138	R. Sagisaka	Survey Report on the Area Strongly Shaken by the Noto Earthquake.	1933	Noto	Srvy. Rep.	

NO.	Author	Title	Date	Earthquake	Classification	Notes
4-139	Wajima Weather Station	Survey Report on the Areas Shaken by the Noto Earthquake.	1933	Noto	Srvy. Rep.	
4-140	K. Sagisaka	On the Seismic Mechanism of the Sanriku-oki Earthquake, Mar. 3, 1933 and its Aftershocks.	1934	Sanriku (1933)	Cause	
4-141	H. Honda	Report on the Strong Earthquake in Gifu-ken on Aug. 18, 1934.	1934	Gifu-Yawata Gen.		
4-142	H. Fuchimoto	Report on the Strong Earthquake in Gifu-ken on Aug. 18, 1934.	1934	Gifu-Yawata Gen.		
4-143	Seismological Dept., C.M.O.	General Survey of Measurement of the Shizuoka Earthquake, July, 11, 1935.	1935	Shizuoka (1935)	Exp. Meas.	
4-144		Report on the Damage Resulting from the Strong Earthquake in Shizuoka.	1935	Shizuoka (1935)	Damage	
4-145	Central Met. Observatory.	Survey Report on the Area Strongly Shaken by the Shizuoka Earthquake.	1935	Shizuoka (1935)	Srvy. Rep.	
4-146	A. Shimamura	Survey Report on the Area Strongly Shaken by the Shizuoka Earthquake.	1935	Shizuoka (1935)	Srvy. Rep.	
4-147	Central Met. Observatory	Report on the Kawachi-Yamato Strong Earthquake, Feb. 21, 1936.	1936	Kawachi-Yamato	Gen.	
4-148	K. Wadachi	General Report on the Kawachi-Yamato Strong Earthquake.	1936	Kawachi-Yamato	Gen.	
4-149	M. Takehara	Measurements of the Kawachi-Yamato Strong Earthquake.	1936	Kawachi-Yamato	Exp. Meas.	
4-150		Report on the Damage Resulting from the Kawachi-Yamato Strong Earthquake.	1936	Kawachi-Yamato	Damage	

No.	Author	Title	Date	Earthquake Dist-	Classi- fication	Notes
4-151	T. Ishikawa	The Strong Earthquake in Kawachi and Yamato, and Earthquakes before and after it.	1936	Kawachi-Yamato	Gen.	
4-152	K. Sagisaka	Earthquake Activities in the Kinki District.	1936	Kawachi-Yamato	Eqke. Act.	
4-153	K. Wadachi	Survey Report on the Area Strongly Shaken by the Kawachi-Yamato Earthquake.	1936	Kawachi-Yamato	Srvy. Rep.	
4-154	K. Tanabashi	Survey Report on the Area Strongly Shaken by the Kawachi-Yamato Earthquake.	1936	Kawachi-Yamato	Srvy. Rep.	
4-155	K. Yamashita	Survey Report on the Area Strongly Shaken by the Kawachi-Yamato Earthquake.	1936	Kawachi-Yamato	Srvy. Rep.	
4-156	K. Wadachi	General Statement on: Survey Report on the Area Strongly Shaken by the Kawachi-Yamato Earthquake.	1936	Kawachi-Yamato	Srvy. Rep.	
4-157	T. Miura	Seismic Mechanisms of the Izu-Niijima Strong Earthquake and its Foreshock and Aftershock.	1937	Niijima	Cause	
4-158	K. Honda	Survey Report of the Area Strongly Shaken by the Izu-Niijima Earthquake, Dec. 27, 1936.	1937	Niijima	Srvy. Rep.	
4-159	Seismological Dept., C.M.O.	General Report on the Tanabewan-oki Earthquake in Wakayama-ken, Jan. 12, 1938.	1938	Tanabe-wan	Gen.	Damaged, Grnd. Def., Others
4-160	"	Damage, Ground Deformation, and Other Phenomena Resulting from the Tanabewan-oki Earthquake, Jan. 12, 1938.	1938	Tanabe-wan	Gen.	Damaged, Grnd. Def., Others
4-161	T. Miike	Survey Report of the Area Strongly Shaken by the Tanabe-wan-oki Earthquake in Wakayam-ken on Jan. 12, 1938.	1938	Tanabe-wan	Srvy. Rep.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
4-162	M. Takehana	Survey Report of the Area Shaken by the Shioyazaki-oki (Iwaki-oki) Earthquake in Fukushima-ken on May 13, 1938.	1938	Iwaki-oki	Srvy. Rep.	
4-163	K. Yanagiya	Report on the Damage Resulting from the Shioyazaki-oki (Iwaki-oki) Earthquake in Fukushima-ken on May 23, 1938.	1938	Iwaki-oki	Damage	
4-164	Aizu Branch of Fukushima Weather Observatory	Report on the Damage by the Earthquake that Occurred off Shioyazaki, Fukushima-ken on May 23, 1938.	1938	Iwaki-oki	Damage	
4-165	Y. Hasaya	The Earthquake that Occurred in and around Tohka-machi, Niigata-ken, on Oct. 4, 1933.	1940	Tohakamachi	Gen.	
4-166	Seismological Dept., C.M.O.	Report on the Earthquake off East Fukushima-ken, Dec. 5, 1938 and its Aftershocks.	1940	Shioya-oki		
4-167	K. Sagisaka	Report on the Tsunami off East Fukushima-ken in Dec, 1938.	1940	Shioya-oki	Tsunami	
4-168	S. Tajima	General Report on the Shioya-oki Earthquake in Dec, 1938.	1940	Shioya-oki	Gen.	
4-169	K. Sagisaka	Survey Report of the Area Damaged by the Earthquake off East Fukushima-ken and by the Subsequent Tsunami.	1940	Shioya-oki	Srvy. Rep.	Tsu. Rep.
4-170	K. Sagisaka	Survey Report on the Area Shaken by the Oga Peninsula Earthquake, May 1, 1939.	1940	Oga	Srvy. Rep.	
4-171	Seismological Dept., C.M.O.	Report on the Seismic Damage Resulting from the Oga Peninsula Earthquake, May 1, 1939.	1940	Oga	Damage	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
4-172	S. Kadowski	The Earthquake which Occurred off South-eastern Shikotan Island in Hokkaido, December 16, 1939.	1941	Shikotan	Gen.	
4-173	A. Masatsukasa	Report on the Nagano Earthquake, July 15, 1942 Nagano	1942	Nagano	Srvy. Rep.	
4-174	K. Tokisaka	Survey Report of the Area Shaken by Hyuga-nada Earthquake, Dec. 19, 1941.	1942	Hyuga-nada	Srvy. Rep.	(1941)
4-175	Kumamoto Weather Station	Report on Kumamoto-ken which was hit by the Hyuga-nada Earthquake, Dec. 19, 1941.	1942	Hyuga-nada	Gen.	(1941)
4-176	T. Okabe	Survey Report on the Area Shaken by the Hyuga-nada Earthquake, Dec. 19, 1941.	1942	Hyuga-nada	Srvy. Rep.	(1941)
4-177	Y. Honma	On the Hyuga-nada Earthquake, Dec. 19, 1941.	1942	Hyuga-nada	Gen.	(1941)
4-178	Fukushima Weather Station	General Report on the Strong Earthquake in Aizu and Districts, Fukushima-ken, on Aug. 12, 1943.	1943	Tajima	Gen.	
4-179	K. Takagi	On the Railroad Track bent by the Tottori Earthquake, Sept. 10, 1943.	1948	Tottori	Publ. Dam.	
4-180	K. Takagi	On the Faults Accompanying the Tottori Earthquake, Sept. 10, 1943.	1948	Tottori	Fault	
4-181	S. Nishige	Lightning Phenomena Observed on March 4 and 5, 1943 preceding the Tottori Earthquake.	1948	Tottori	Lightning	
4-182	U. Inoue	Report on the Earthquake Following the Volcanic Activity of Uzu-dake and the Crustal Movement.	1948	Uzu	Volcano	Grnd. Def.
4-183	U. Inoue	On the Mikawa Earthquake, Jan. 13, 1945.	1950	Mikawa	Gen.	

No.	Author	Title	Date	Earthquake Classification	Notes
4-184	S. Kanazawa	Measurement of the Mikawa Earthquake.	1950	Mikawa	Exp. Meas.
4-185	Central Met. Observatory	General Report on the Fukui Earthquake, June 28, 1948.	1948	Fukui	Gen.
4-186	T. Hiroo	Measurement of the Fukui Earthquake by a Seismograph.	1948	Fukui	Exp. Meas.
4-187	H. Yamaguchi	General Statement on the Statistics of the Earthquake Damage.	1948	Fukui	Damage
4-188	T. Okano	General Statement on the Aftershocks of the Fukui Earthquake.	1948	Fukui	Aftershock
4-189	Y. Tanaka	Field Observation of Aftershocks.	1948	Fukui	Aftershock
4-190	H. Honda	General Survey o the Geometrical Feat- ures and Figures, and Crustal Movement in and around Fukui.	1948	Fukui	Geology
4-191	J. Suehiro	Survey Report on the Area Shaken by the Fukui Earthquake (Part I).	1948	Fukui	Srvy. Rep.
4-192	K. Yazaki	Survey Report on the Area Shaken by the Fukui Earthquake (Part 2).	1948	Fukui	Srvy. Rep.
4-193	H. Honda	Survey Report on the Area Shaken by the Fukui Earthquake (Part 3).	1948	Fukui	Srvy. Rep.
4-194	Niigata District Meteorological Observatory	Survey Report on the Area Shaken by the Fukui Earthquake. (Part 4).	1948	Fukui	Srvy. Rep.
4-195	T. Tanaka	Survey Report on the Area Shaken by the Fukui Earthquake. (Part 5).	1948	Fukui	Srvy. Rep.

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
4-196	K. Sagisaka	Investigation of the Fukui Earthquake based on Recorded Personal Experiences.	1948	Fukui	Gen.	
4-197	T. Yumura	Report on the Geomagnetic Investigation of the Fukui Earthquake.	1948	Fukui	Cur. & Mag.	
4-198	R. Yoshimatsu	Earth Current Variations Preceding and Following the Fukui Earthquake.	1948	Fukui	Cur. & Mag.	
4-199	R. Shimizu	Tilt in Lake Biwa-ko.	1948	Fukui	Tilt	
4-200	K. Musha	Chronological Table of the Earthquakes which Occurred in the Echizen District.	1948		Gen.	
4-201	Central Meteo. Observ.	Report on the Earthquake in Tochigi-ken in December, 1949.	1950	Imaichi	Gen.	
4-202	U. Inoue	The Earthquake in Tochigi-ken, Dec. 26, 1949.	1950	Imaichi	Gen.	
4-203	Seismological Dept., C.M.O.	Measurement of the Earthquake by a Seismograph.	1950	Imaichi	Exp. Meas.	
4-204	Utsunomiya Weather Station	The Earthquake in Tochigi-ken on December 26, 1949.	1950	Imaichi	Gen.	
4-205	H. Honda	Survey Report on the Area Shaken by the Earthquake in Tochigi-ken.	1950	Imaichi	Srvy. Rep.	
4-206	H. Honda	General Report on Topography, Geological Features and Crustal Movement near the Hypocenter of the Earthquake in Tochigi-ken.	1950	Imaichi	Geology	Grnd. Def.
4-207	Y. Kato	Investigation of the Earthquake in Tochigi-ken by Mail Poll.	1950	Imaichi	C.R. Col.	

No.	Author	Title	Date	Earthquake Classification	Notes
4-208	K. Musha	The Imaichi Earthquake and the Earthquake Zone of Kii nuyawa.	1950	Imaichi Gen.	
4-209	T. Honda	Report on the Earthquake in Tochigi-ken.	1950	Imaichi Gen.	
*4-210	T. Hiroto	Field Investigation on the Mikawa Earthquake of 1945.	1951	Mikawa Srvy. Rep.	
*4-211	Ishigaki-jima Weather Station	The Ishigaki-jima Earthquake of 1947.	1951	Ishigaki-jima Gen.	
*4-212	T. Nakajima	Report on the Kumanogawa Earthquake.	1952	Kumanogawa Srvy. Rep.	
*4-213	Ueno Observ.	Collapse of the Bank of Nishinoike Pool.	1952	Kumanogawa Publ. Dam.	
*4-214	K. Tomatsu	Epicenter of the Fukui Earthquake.	1952	Fukui Exp. Meas.	
4-215	Central Meteo. Observ.	Report on the Tokachi-oki Earthquake, March, 1952.	1953	Tokachi-oki Gen.	
4-216	U. Inoue	General Survey.	1953	Tokachi-oki Gen.	
4-217	Seismological Dept., C.M.O.	The Tokachi-oki Earthquake Observed at the Central Meteorological Observatory.	1953	Tokachi-oki Exp. Meas.	
4-218	Seismological Dept., C.M.O.	General Survey of Aftershocks Following the Tokachi-oki Earthquake.	1953	Tokachi-oki Aftershock	
4-219	Seismological Dept., C.M.O.	General Survey of the Earthquake Damage.	1953	Tokachi-oki Damage.	
4-220	Abashiri Station	Survey Report on Hokkaido: By Abashiri and Nemuro Weather Stations.	1953	Tokachi-oki Srvy. Rep.	Tsu. Dam.
4-221	Kushiro Station	Survey Report on Hokkaido: By Kushiro Weather Station.	1953	Tokachi-oki Srvy. Rep.	

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
4-222	Obihiro Weather Station	Survey Report on Hokkaido: The Seismic Areas between Uraho and Ohtsu by the Tokachi Weather Station.	1953	Tokachi-oki Srvy.	Rep.	
4-223	Sapporo District Met. Observ.	Survey Report on Hokkaido: The Seismic Area between Hiroo and Ohtsu by the Tokachi Weather Station.	1953	Tokachi-oki Srvy.	Rep.	Tsu. Dam.
4-224	Sapporo Dist. Met. Observ.	Survey Report on Hokkaido: The Seismic Areas between Hiroo and Erimo by the Hidaka Weather Station.	1953	Tokachi-oki Tsu.	Rep.	
4-225	Uruga Weather Station	Survey Report on Hokkaido: The Hidaka District (Part 1. Earthquake).	1953	Tokachi-oki Srvy.	Rep.	
4-226	Uruga Weather Station	Survey Report on Hokkaido: The Hidaka District (Part 2. Tsunami).	1953	Tokachi-oki Tsu.	Rep.	
4-227	Tomakomai Weather Station	Survey Report on Hokkaido: The Seismic Areas between Tomakomai-shi and Monbetsu-mura.	1953	Tokachi-oki Srvy.	Rep.	
4-228	Kutchan Met. Station	Survey Report on Hokkaido: Changes in Hot Springs in the Kobuka Area caused by the Tokachi-oki Earthquake.	1953	Tokachi-oki Srvy.	Rep.	
4-229	T. Yamaguchi	Survey Report on Hokkaido: Subterranean Rumbling of Lake Akan Resulting from the Tokachi-oki Earthquake.	1953	Tokachi-oki Sound		
4-230	Sapporo Dist. Met. Observ.	Survey Report on Hokkaido: Investigation of the Tokachi-oki Earthquake by Mail Poll.	1953	Tokachi-oki C. R. Col.		
4-231	Sendai Dist. Met. Observ.	Survey Report on the Sanriku District: North of Hachinohe, Aomori-ken.	1953	Tokachi-oki Tsu.	Rep.	

No.	Author	Title	Date	Earthquake Classification	Notes
4-232	Hachinohe Weather Station	Survey Report on the Sanriku District: Between Hachinohe and Kuji.	1953	Tokachi-oki Tsu. Rep.	
4-233	Morioka Weather Station	Survey Report on the Sanriku District: Between Port Kuji and Omoto-mura.	1953	Tokachi-oki Tsu. Rep.	
4-234	Miyako Weather Station	Survey Report on the Sanriku District: Between Port Omoto and Kamaishi Bay.	1953	Tokachi-oki Tsu. Rep.	
4-235	Sendai Dist. Met. Observ.	Survey Report on the Sanriku District: Between Kamaishi and Kesem-numa.	1953	Tokachi-oki Tsu. Rep.	
4-236	Sendai Dist. Met. Observ.	Survey Report on the Sanriku District: Between Kesem-numa and Okatsu.	1953	Tokachi-oki Tsu. Rep.	
4-237	Ishinomaki Weather Station	Survey Report on the Sanriku District: Between Tsukihama and Ishinomaki.	1953	Tokachi-oki Tsu. Rep.	
4-238	Sendai Dist. Met. Observ.	Survey Report on the Sanriku District: Coast in the South of Miyagi-ken (Shiogama, Mikami and Arahama).	1953	Tokachi-oki Tsu. Rep.	
4-239	Seismological Dept., C.M.O.	The Tsunami.	1953	Tokachi-oki Tsu. Rep.	
4-240	Seismological Dept., C.M.O.	Previous Notification of Tsunami.	1953	Tokachi-oki Tsu. Rep.	
4-241	K. Musha	Seismic Activities in Hokkaido.	1953	Gen.	Eqke. Act.
4-242	Seismological Dept., C.M.O.	Recent Seismic Activities in and around Hokkaido.	1953	Gen.	Eqke. Act.
*4-243	Seismological Dept., C.M.O.	The Daishohoji Earthquake of Mar. 7, 1952.	1953	Daishohji Gen.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*4-244	I. Yamashita	Field Investigations of the Daishohji Earthquake (Part 1).	1953	Daishohji	Srvy. Rep.	
*4-245	N. Nakajima	Field Investigations of the Daishohji Earthquake (Part 2).	1953	Daishohji	Srvy. Rep.	
*4-246	A. Tsukamoto	Field Investigations of the Daishohji Earthquake (Part 3).	1953	Daishohji	Srvy. Rep.	
*4-247	Seismological Dept., C.M.O.	The Yoshino Earthquake of July 18, 1952.	1953	Yoshino	Gen.	
4-248	Central Met. Observatory	Report on the Kamchatka Earthquake, Nov., 1952.	1953	Kamchatka	Gen.	
4-249	U. Inoue	General Survey of the Kamchatka Earthquake.	1953	Kamchatka	Gen.	
4-250	Seismological Dept., C.M.O.	Observation of the Earthquake in the Central Meteorological Observatory.	1953	Kamchatka	Exp. Meas.	
4-251	Kushiro Weather Station	Report on the Kamchatka Earthquake.	1953	Kamchatka	Tsunami	
4-252	Seismological Dept., C.M.O.	The Tsunami Following the Kamchatka Earthquake.	1953	Kamchatka	Tsunami	
4-253	Sapporo Dist. Met. Observ.	On the Prediction of the Tsunami.	1953	Kamchatka	Tsunami	
4-254	Seismological Dept., C.M.O.	State of the Tsunami in the U.S.A.	1953	Kamchatka	Tsunami	
4-255	Seismological Dept., C.M.O.	List of the Tsunami Observations Resulting from the Kamchatka Earthquake.	1953	Kamchatka	Tsunami	
*4-256	Seismological Dept., C.M.O.	The Bohsor-oki Earthquake of Nov. 26, 1953.	1954	Bohso-oki	Gen.	

No.	Author	Title	Date	Earthquake Classification	Notes
4-257	U. Inoue	General Survey of the Bohso-oki Earthquake.	1954	Bohso-oki	Gen.
4-258	Seismological Dept., C.M.O.	Observations of the Bohso-oki Earthquake in the Central Meteorological Observatory.	1954	Bohso-oki	Exp. Meas.
4-259	Seismological Dept., C.M.O.	Aftershocks of the Bohso-oki Earthquake.	1954	Bohso-oki	Aftershock
4-260	Seismological Dept., C.M.O.	Various Phenomena Accompanying the Bohso-oki Earthquake.	1954	Bohso-oki	
4-261	Sapporo Dist. Met. Observ.	On the Prediction of the Tsunami.	1954	Bohso-oki	Tsunami
*4-262.	Yonago Weather Station	On the Earthquake of the Western Part of Tottori-ken of June 23, 1955.	1956	Tottori-Nishi	Srvy. Rep.
*4-263	Tokushima Weather Station	On the Earthquake of the Southern Part of Tokushima-ken, July 27, 1955.	1956	Tokushima-Minami	Srvy. Rep.
*4-264	Sendai Dist. Met. Observ.	The Yoneshiro Lower Region Earthquake of Oct. 19, 1955.	1956	Futatsui	Gen.
*4-265	Sendai Dist. Met. Observ.	The Abukuma Lower Region Earthquake of Sept. 20, 1956.	1957	Shiroshi	Gen.
*4-266	Seismological Dept., C.M.O.	On the Earthquake Swarm near Niijima Island in November, 1957.	1958	Niijima (1957)	Gen.
*4-267	R. Koike	Microbarometric Observations of the Off-Iturup Island Earthquake on Nov. 7, 1958 and of the Large Explosion at Mt. Asama on Nov. 10, 1958.	1959	Iturup (1958)	Others

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*4-268	Kushiro Local Met. Observ.	Reports on the Teshikaga Earthquake of Jan. 31, 1959.	1959	Teshikaga	Gen.	
*4-269	Seismological Dept., C.M.O.	The Iturup-oki Earthquake of Nov. 7, 1958.1959	1959	Iturup- to-oki	Gen.	
*4-270	Sapporo Dist. Met. Observ.	The Investigations on the Teshikaga Earthquake of Jan. 31, 1959.	1960	Teshikaga	Gen.	
4-271	Y. Yasui	Investigation of the Tsunami of the Tondokoro Earthquake.	1961	Hyuga-nada (1662)	Tsunami	
4-272	Niigata Local Met. Observ.	The Nagaoka Earthquake of Feb. 2, 1961.	1961	Nagaoka	Gen.	
*4-273	Seismological Dept., C.M.O.	The Hyuganada Earthquake of Feb. 27, 1961.1961	1961	Hyuga-nada	Gen.	Feb. 27
*4-274	S. Hisamoto	Drawing the Wave Fronts of the Chilean Tsunami of May 23, 1960.	1962	Chilean	Tsunami	
*4-275	A. Hakoda	Historical Records of Tsunami on Shikoku Island and Vicinity.	1962		Tsunami	Gen.
*4-276	Kagoshima Local Met. Observ.	The Earthquake Swarm in Yoshimatsu-cho, Kagoshima-ken.	1962	Yoshimatsu	Gen.	
*4-277	Kushiro Local Met. Observ.	Report on the Kushiro-oki Earthquake of August 12, 1961.	1962	Kushiro- oki	Gen.	
*4-278	Seismological Dept., C.M.O.	The Kita-Mino Earthquake of August 19, 1961.	1962	Kita-Mino	Gen.	
*4-279	Sapporo Dist. Met. Observ.	The Hiroo-oki Earthquake of April 23, 1962.	1962	Hiroo-oki	Gen.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*4-280	Sendai Dist. Met. Observ.	The Earthquake in the Northern Part of Miyagi-ken on April 30, 1962.	1962	Miyagi- kita	Gen.	
*4-281	Tsuruga Weather Station	Damage Caused by the Earthquake off Cape Echizen on March 27, 1963.	1964	Echizen- misaki-oki	Gen.	
*4-282	Nemuro Weather Station	A Field Investigation of the Earthquakes in Nakashibetsu, Hokkaido, in January and February, 1963.	1964		Gen.	
*4-283	T. Nagamune	Phase Velocity of Mantle Waves in the Period Range 120 to 440 Seconds.	1964	Chilean	Exp. Meas.	
*4-284	Abashiri Local Met. Observ.	A Field Investigation of Earthquakes near Rausa, Hokkaido, in January and February, 1964.	1965	Rausa	Srvy. Rep.	
4-285	Kushiro Local Met. Observ.	Damage Caused by the Earthquake off South- eastern Nemuro on June 23, 1964.	1965	Nemuro-oki	Damage	
*4-286	T. Shibata	Types of the Seismograms for the After- shocks of the Niigata Earthquake in Matsushiro.	1965	Niigata	Aftershock	Cause
*4-287	S. Takagi	Relationship between the Initial Motions of the Niigata Earthquake and the Geological Structure.	1965	Niigata	Cause	Geology
*4-288	W. Inoue	On the Seismicity in the Epicentral Reg- ion and its Neighborhood before the Niigata Earthquake	1965	Niigata	Eqke. Act.	

5.1 REPORT OF THE IMPERIAL EARTHQUAKE INVESTIGATION COMMITTEE IN JAPANESE LANGUAGE

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*5-1	K. Haraguchi	Report on the damage to the Tohoku Rail-way Caused by the Great Earthquake of Oct. 28, 1891.	1893	Nohbi (1891)	Publ. Dam.	
*5-2	M. Emori	Report on the Effect of the Earthquake of Oct. 28, 1891 in Aichi-ken.	1894	Nohbi (1891)	Gen.	
*5-3	Fukui-ken	Report on the Effect of the Earthquake of Oct. 28, 1891 in Fukui-ken.	1894	Nohbi (1891)	Dam.	
5-4		Report on the Relationship between Earthquakes and Geomagnetism.	1894	Nohbi (1891)	Cur. & Mag.	
5-5	T. Tamana	Report on the Earthquake in and around Chiran, Kagoshima-ken on Sept. 7, 1893.	1894	Nohbi (1891)	Gen.	
*5-6	T. Saeki	The Damage Caused by the Great Earthquake of Oct. 28, 1891 in Gifu-ken and Mie-ken.	1895	Nohbi (1891)	Publ. Dam.	
*5-7	F. Ohmori	The Hokkaido Earthquake of Mar. 22, 1894.	1895	Kushiro-oki Gen.		
*5-8	F. Ohmori	Records of the Earthquakes of Hokkaido.	1895	Kushiro-oki Gen.		
*5-9	K. Ishii	Report on the Damage to Buildings Caused by the Hokkaido Earthquake of 1894.	1895	Kushiro-oki Buil. Dam.		
*5-10	F. Ohmori	The Shohnai Earthquake of Oct. 22, 1894.	1895	Shohnai Gen.		
*5-11	T. Nakamura	Report on the Buildings in the Shohnai District Damaged by the Earthquake of Oct. 22, 1894.	1895	Shohnai Srvy. Rep.		
*5-12	T. Sone	Report on the Buildings in the Shohnai District Damaged by the Earthquake of Oct. 22, 1894.	1895	Shohnai Buil. Dam.		

No.	Author	Title	Date	Earthquake Classification	Notes
*5-13	M. Tayama	Records of Great Earthquakes in the Provinces of Uzen and Ugo.	1895	Dewa Gen.	Shohnai (1850) Sanriku (1611) Noshiro, Hiei, Kisakata
5-14	The Prefectural Off. in Hokkaido	The Earthquake in Hokkaido.	1895	Kushiro-oki Gen.	
5-15	Metropolitan Police Office	The Earthquake in and around Tokyo.	1895	Tokyo Gen.	
5-16	Yamagata-ken	The Earthquake in Yamagata-ken.	1895	Shohnai Gen.	
5-17	Akita-ken	The Earthquake in Akita-ken.	1895	Shohnai Gen.	
*5-18	T. Nakamura	Report on the Buildings in Tokyo Damaged by the Severe Earthquake of June 20, 1894.	1895	Tokyo Buil. Dam.	
*5-19	C. Yoshimi	Report on the Bridges in Tokyo Damaged by the Severe Earthquake of June 20, 1894.	1895	Tokyo Publ. Dam.	
5-20	Metropolitan Police Office	The Earthquake in and around Tokyo.	1895	Tonegawa Gen.	
*5-21	S. Tanabe	Report on the Factory Chimneys in Tokyo Damaged by the Severe Earthquake of June 20, 1894.	1895	Tokyo Buil. Dam	
*5-22	K. Tatsuno	Report on the Buildings in the Shonai District Damaged by the Earthquake of Oct. 22, 1894.	1895	Shohnai Buil. Dam.	
*5-23	M. Noguchi	Report on the Buildings in the Shonai District Damaged by the Earthquake of Oct. 22, 1894.	1895	Shohnai Damage	Damage

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
*5-24	Y. Tsukamoto	Reports on the Buildings in Tokyo Damaged by the Severe Earthquake of Jan. 18, 1895.	1895	Tokyo	Buil. Dam.	
*5-25	Y. Tsukamoto	Reports on the Buildings in Tokyo Damaged by the Severe Earthquake of Jan. 18, 1895.	1895	Tokyo	Buil. Dam.	
*5-26	Y. Tsukamoto	Reports on the Buildings in Tokyo Damaged by the Severe Earthquake of Jan. 18, 1895.	1895	Tokyo	Buil. Dam.	
*5-27	B. Koto	Report on the Shohnai Earthquake of October, 1894.	1895	Shohnai	Geology	
*5-28	M. Noguchi	Report on the Buildings in the Yamagata-ken Erected after the Great Earthquake of October, 1894.	1896	Shohnai	Buil. Dam.	
-90-	T. Iki	Report on the Great Sanriku "Tsunami" (destructive sea waves).	1896	Sanriku (1896)	Tsu. Rep.	
*5-29	K. Nakamura	Note on the Magnetic Disturbances Preceding the Sanriku Tsunami.	1896	Sanriku (1896)	Cur. & Mag.	
*5-30	Miyako Weather Station	Miscellaneous Reports on the Sanriku Tsunami.	1896	Sanriku (1896)	Tsunami	
*5-31	N. Yamasaki	Report on the Great Riku-U Earthquake.	1896	Riku-U	Gen.	Paper by N. Yamasaki
*5-32	T. Kochibe	Report on the Great Riku-U Earthquake.	1896	Riku-U	Damage	
*5-33	T. Nakamura	Report on the Great Riku-U Earthquake.	1896	Riku-U	Buil. Dam.	
*5-34	T. Sone	Report on the Buildings Damaged by the Great Riku-U Earthquake.	1896	Riku-U	Buil. Dam.	
*5-35	Y. Wada	On the Magnetic Disturbances Preceding the Great Riku-U Earthquake.	1896	Riku-U	Cur. & Mag.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*5-37	Central Met. Observatory	Miscellaneous Reports on the Great Riku-U Earthquake.	1898	Riku-U	Gen.	
*5-38	S. Kimura	Report on the Damage in Sendai and the Vicinity Caused by the Severe Earthquake of Jan. 20, 1897.	1898	Rikuzen-oki	Damage	
5-39	J. Nishizawa	Miscellaneous Reports on Earthquakes.	1898	Kamitakai	Gen.	
*5-40	F. Ohmori	Note on the Tokyo Earthquake of June 20, 1894.	1899	Tokyo	Gen.	
*5-41	F. Ohmori	Note on the Great Mino-Owari (Nohbi) Earthquake of Oct. 28, 1891.	1899	Nohbi (1891)	Gen.	
*5-42	S. Sekiya	Diagram of the Semi-destructive Earthquake of June 20, 1894, Tokyo.	1899	Tokyo	Exp. Meas.	
*5-43	T. Iki	Fukuoka Earthquakes of Aug. 10 and 12, 1898.	1899	Fukuoka	Exp. Meas.	
*5-44	F. Ohmori	Observations in Tokyo of the Fukuoka Earthquakes of Aug. 10 and 12, 1898.	1899	Fukuoka	Exp. Meas.	
*5-45	A. Imamura	On the Great Sanriku Tsunami.	1899	Sanriku (1896)	Tsunami	
*5-46	T. Kondo	On the Effect of Earthquakes on River Beds (Part 1).	1899	Nohbi (1891)	Grnd. Wtr.	
*5-47	F. Ohmori	Note on the Fukuoka Earthquakes of Aug. 10 and 12, 1898 (Part 2).	1900	Fukuoka	Aftershock	
5-48	F. Ohmori	The Hoei Earthquake.	1900	Hoei	Gen.	
*5-49	F. Ohmori	On the Great Mino-Owari (Nohbi) Earthquake of Oct. 28, 1891 (2nd Report).	1900	Nohbi	Grnd. Def.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*5-50	T. Sone	Report on the Buildings at Osaka Damaged by the Earthquake of March 7, 1899.	1900	Kii-Yamato	Damage	
*5-51	W. Oishi	On the Magnetic Disturbances which Accompanied the Strong Rikuzen Earthquake of May 12, 1900.	1900	Rikuzen	Cur. & Mag.	Eqke. Sgns.
*5-52	F. Ohmori	On Tsunamis or Destructive Sea-Waves in Japan.	1901	Sanriku (1896)	Tsunami	Gen.
5-53	F. Ohmori	The Great Earthquake of Dec. 16, 1605.	1901	Tohnankai (1605)	Gen.	
*5-54	T. Kondo	Topographical Maps of Some Districts in Miyagi-ken Damaged by the Great Tsunami of June 15, 1896.	1901	Sanriku (1896)	Tsunami	
*5-55	Y. Kikuchi	On the Rikuzen Earthquake of May 12, 1900.	1901	Rikuzen	Gen.	
5-56	Fukuoka Weather Station	General Survey of the Great Earthquake in August, 1898.	1901	Fukuoka	Gen.	
*5-57	N. Fukuchi	Report on the Earthquake of Nov. 5, 1900 off the Southern Coast of Izu.	1902	Miakejima	Gen.	
*5-58	A. Imamura	Report on the Gei-yo Earthquake of June 2, 1905.	1905	Gei-yo	Gen.	
*5-59	M. Enya	On the Strong Earthquake of June 2, 1905.	1905	Gei-yo	Gen.	
*5-60	H. Hachiya	On the Hiroshima Earthquake.	1905	Gei-yo	Gen.	
5-61	B. Koto	Hypocenter of the Gei-yo Earthquake.	1905	Gei-yo	Gen.	
*5-62	T. Sone	Report on the Earthquake Damage to Buildings in Hiroshima-ken and Ehime-ken.	1905	Gei-yo	Buil. Dam.	
*5-63	S. Tanabe	On the Earthquake Damage to Railroads.	1905	Gei-yo	Damage	

No.	Author	Title	Date	Earthquake Classification	Notes
*5-64	Central Met. Observatory	Miscellaneous Reports on the Gei-Yo Earthquake.	1905	Gei-Yo	Gen.
*5-65	N. Fukuchi	On the Geological Aspect of the Ohsima (Izu) Earthquake of June 1905.	1905	Ohsima (1905)	Geology
*5-66	Tokyo-fu	Miscellaneous Reports on the Ohsima Izu Earthquake.	1905	Ohsima (1905)	Gen.
*5-67	F. Ohmori	An Account of the Tsunami at Shimada (1854) by an Officer of the Russian Frigate, "Jiana".	1906	Ansei	Tsunami
*5-68	F. Ohmori	An Account of the Destructive Earthquakes in Japan.	1913		Gen.
*5-69	B. Koto	The Geological Aspects of the Ko-No Earthquake.	1910	Ko-No	Geology
*5-70	T. Sone	Report on the Damage to the Buildings Caused by the Ko-No Earthquake.	1910	Ko-No	Buil. Dam.
*5-71	S. Tanabe	Report on the Damage to the Railways Caused by the Ko-No Earthquake.	1910	Ko-No	Publ. Dam.
*5-72	I. Ishiguro	On the Earthquake Damage in Siga-ken and Gifu-ken.	1910	Ko-No	Damage
*5-73	I. Ishiguro	On the Earthquake Damage in Siga-ken and Gifu-ken.	1910	Ko-No	Damage
*5-74	A. Imamura	Report on the Anegawa Earthquake of 1909.	1910	Ko-No	Gen.
*5-75	T. Sano	Report on the Ohmi Earthquake.	1909	Ko-No	Gen.
					Damage

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*5-76	A. Imamura	The Central Japan Earthquake of July 9, 1854.	1913	Ansei	Gen.	June 15
*5-77	A. Imamura	On the Hamada Earthquake of 1872.	1913	Hamada	Gen.	
*5-78	A. Imamura	On the Riku-U Earthquake of 1896.	1913	Riku-U	Gen.	
*5-79	A. Imamura	On the Kikaigashima Earthquake of 1911.	1913	Kikaigashima	Gen.	
*5-80	Y. Uchida	Report on the Damage to Buildings Caused by the Sakurajima Earthquake of Jan. 12, 1914.	1915	Sakurajima	Buil. Dam.	
*5-81	A. Imamura	Report on the Aktia Earthquake of 1914.	1915	Ugosen	Gen.	
*5-82	K. Aomi	On the Akita Earthquake of 1914.	1915	Ugosen	Gen.	
*5-83	R. Ohashi	On the Akita Earthquake of 1914.	1915	Ugosen	Gen.	
*5-84	A. Imamura	The Earthquake Swarm in the Eastern Part of Kazusa in Comparison with the Foreshocks of a Great Earthquake.	1920	Kazusa	Eqke. Act.	Foreshock
*5-85	S. Horikoshi	Notes on the Earthquake-proof Constructions for the Ohmachi Seismic District.	1921	Ohmachi	Buil. Dam.	
*5-86	F. Ohmori	Report on the Ohmachi Earthquake in Shinano in 1918.	1921	Ohmachi	Gen.	
*5-87	A. Imamura	Earthquake Zones in the Northwestern Part of Honshu (Main Island).	1921			Shohnai (1850) Ohshima (1856)
*5-88	S. Tsuboi	Note on the Ohmachi Earthquake of 1918.	1918	Ohmachi	Gen.	
*5-89	F. Ohmori	Second Report on the Ohmachi Earthquake of 1918,	1922	Ohmachi	Sub. & Uph.	

No.	Author	Title	Date	Earthquake Classification	Notes
* 5-90	F. Ohmori	Note on the Shimabara Earthquake.	1925	Shimabara	Gen.
* 5-91	A. Imamura	Report on the Changes in the Land-Level in Connection with the Shimabara Earthquake of 1922.	1925	Shimabara	Sub. & Uph.
* 5-92	A. Imamura	Seismometric Study of the Shimabara Earthquake.	1925	Shimabara	Exp. Meas.
* 5-93	S. Horikoshi	On the Earthquake-proof Constructions in Connection with the Shimabara Earthquake.	1925	Shimabara	Buil. Dam.
* 5-94	Metropolitan Police Board	Damages in the City of Tokyo Caused by the Earthquake on April 26, 1922.	1925	Uraga-kai	Damage
* 5-95	Kanagawa-ken	Damages in Kanagawa-ken Caused by the Earthquake on April 26, 1922.	1925	Uraga-kai	Damage
* 5-96	A. Imamura	The Great Kanto Earthquake of Sept. 1, 1923.	1925	Kanto	Gen.
* 5-97	S. Nakamura	The Great Kanto Earthquake of Sept. 1, 1923.	1925	Kanto	Gen.
* 5-98	H. Obata	Some Earthquake Phenomena Observed in Yamanashi-ken and Saitama-ken.	1925	Kanto	Srvy. Rep.
* 5-99	T. Matsuzawa	Distribution of Seismic Intensities as Deduced from the Damages to Wooden Buildings.	1925	Kanto	Buil. Dam.
* 5-100	C. Yasuda	Tokyo Observation on the Aftershocks.	1925	Kanto	Aftershock
* 5-101	S. Nakamura	List of the Aftershocks Observed at Ohshima.	1925	Kanto	Aftershock

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*5-102	N. Nasu	On the Relative Intensity of Earthquake Motion in Different Parts of Tokyo and Kamakura.	1925	Kanto	Ground	
*5-103	Y. Abe	A Personal Experience of the Great Earthquake in Kugenma-mura near Kamakura.	1925	Kanto	Gen.	
*5-104		Casualties Caused by the Semi-destructive Earthquake in Kanagawa-ken on Jan. 15, 1924.	1925	Kanto	Damage	
*5-105	T. Kato	A Geological Study of the Great Kanto Earthquake.	1925	Kanto	Geology	
*5-106	N. Yamasaki	Physiographical Investigation of the Great Kanto Earthquake.	1925	Kanto	Geology	Papers by N. Yamasaki
*5-107	H. Ohmura	Change of Land-level Accompanying the Great Kanto Earthquake.	1925	Kanto	Lev. & Tri.	
*5-108	T. Uchida	Topographical Change of the Sea-bottom in Sagami Bay and Vicinity.	1925	Kanto	Crst. Mvmt.	
*5-109	T. Terada	On the Change in the Sea-bottom of Sagami Bay with some Geophysical Consideration on the Cause of the Great Earthquake.	1925	Kanto	Cause	
*5-110	S. Nakamura	Topographical Survey of the Crater of Mt. Miura, Ohsima, Izu.	1925	Kanto	Grnd. Def.	
*5-111	M. Moroto	On the Land-slips Caused by the Great Earthquake.	1925	Kanto	Mt. Landsl.	
5-112	T. Matsuzawa	Report on the Landslides in Nebukawa.	1925	Kanto	Mt. Landsl.	

No.	Author	Title	Date	Earthquake	Classification	Notes
5-113	A. Imamura	Report on the Landslides in Nebukawa Area.	1925	Kanto	Mt. Landsl.	
*5-114	Z. Suzuki	Change of the Coast-line in Tohkaido.	1925	Kanto	Sub. & uph.	
*5-115	A. Imamura	Change of the Coast-line in Bohso Peninsula.	1925	Kanto	Sub. & uph.	
*5-116	K. Inoue	Preliminary Note on the Physiographical Investigation of the Great Kanto Earthquake.	1925	Kanto	Grnd. Def.	
*5-117	T. Ikeda	Tsunami or Seismic Tidal Waves	1925	Kanto	Tsunami	Grnd. Def.
*5-118	T. Terada	On the Propagation of Tsunami that Started from Sagami Bay.	1925	Kanto	Tsunami	
5-119		Tidal Conditions at the Various Locations in Japan.	1925	Kanto	Tsunami	
*5-120	G. Kitazawa	Damages to the Wooden Houses in the City of Tokyo and its Suburbs.	1926	Kanto	Buil. Dam.	
*5-121	K. Sato	Damages to the Brick Buildings in the City of Tokyo and its Suburbs.	1926	Kanto	Buil. Dam.	
*5-122	Y. Uchida	Damages to the Brick Buildings at Tokyo Imperial University.	1926	Kanto	Buil. Dam.	
*5-123	T. Naito	Damages to the Steel Frame Buildings in Tokyo.	1926	Kanto	Buil. Dam.	
*5-124	Y. Nagato	Damages to the Reinforced Concrete Buildings in the City of Tokyo and its Suburbs.	1926	Kanto	Buil. Dam.	
*5-125	M. Doi	The Effects of the Shock upon the Concrete Works.	1926	Kanto	Buil. Dam.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*5-126	M. Tanaka	On the Effects of Heat upon Building Materials.	1926	Kanto	Buil. Dam.	
*5-127	S. Horikoshi	Damages to the Interior of Buildings.	1926	Kanto	Buil. Dam.	
*5-128	D. Tanaka	Damages to the Buildings in Yokohama-shi.	1926	Kanto	Buil. Dam.	Fire
*5-129	N. Mononobe	General Reports on the Damages to Civil Engineering Works Caused by the Great Earthquake.	1926	Kanto	Publ. Dam.	
*5-130	N. Mononobe	Report on the Damages to Chimneys and Towers.	1926	Kanto	Buil. Dam.	
*5-131	N. Mononobe	Report on the Damages to Highway Bridge in Yokohama-shi.	1926	Kanto	Publ. Dam.	
*5-132	S. Tanabe	Reports on the Damages and Reconstruction Works in the District of Hakone.	1926	Kanto		Damage
*5-133	M. Nawa	Reports on the Damages to Government Railways.	1926	Kanto	Publ. Dam.	
*5-134	O. Ogawa	Reports on the Damages to the Water Supply in Tokyo.	1926	Kanto	Publ. Dam.	
*5-135	Z. Takenaka	On the Damages to Factories.	1926	Kanto	Damage	
*5-136	M. Shibusawa	Reports on the Damages to Electric Works.	1926	Kanto	Damage	
*5-137	S. Inada	Damages to Telegraph and Telephone Works.	1926	Kanto	Damage	
*5-138	K. Ogata	The Tokyo Conflagration Caused by the Great Kanto Earthquake.	1925	Kanto	Fire	

No.	Author	Title	Date	Earthquake	Classification	Notes
*5-139	S. Nakamura	The Tokyo Conflagration Caused by the Great Kanto Earthquake.	1925	Kanto	Fire	
*5-140	K. Inoue	On the Tokyo Conflagration.	1925	Kanto	Fire	
*5-141	T. Terada	On Tornadoes that Appeared in Tokyo during the Conflagration.	1925	Kanto	Others	Fire
*5-142	R. Takeuchi	On Victims Caused by the Great Fire.	1925	Kanto	Fire	
*5-143	M. Katayama	Regulative Notice for Schools and Institutes on the Chemicals Dangerous to Fire Accidents.	1925	Kanto	Damage	
*5-144	K. Moroto	On Trees Effective for Fire Prevention.	1925	Kanto	Fire.	Dis. Prev.
*5-145	A. Imamura	Fire Caused by the Great Earthquake in the Different Localities of Southeast Japan.	1925	Kanto	Fire	
*5-146		Summary of Reports Concerning the Cinders and other Materials Carried by Air-current from the Scene of the Conflagration to Distant Places.	1925	Kanto	Fire	
*5-147	A. Imamura	The Tajima Earthquake of 1925.	1927	Tajima	Gen.	
*5-148	N. Yamasaki	On the Cause of the Tajima Earthquake of 1925.	1927	Tajima	Fault	
*5-149	T. Matsuzawa	The Earthquake and Fire in Toyooka-machi.	1927	Tajima	Fire	
*5-150	M. Nawa	Damages to the Government Railways in Connection with the Tajima Earthquake.	1927	Tajima	Publ. Dam.	
*5-151	T. Taniguchi	Damages to Building Caused by the Tajima Earthquake.	1927	Tajima	Buil. Dam.	

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	tion

\*5-152      The Earthquake-proof Constructions in  
                  the Tajima District.  
                  1927   Tajima              Buil. Dam.

5.2 BULLETIN OF THE IMPERIAL EARTHQUAKE INVESTIGATION COMMITTEE (in Foreign Languages)

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
*5-153	F. Ohmori	Comparison of the Faults in the Three Earthquakes of Mino-Owari, Formosa, and San Francisco.	1907	Nohbi (1891)	Fault	Taiwan (3/17/06) San Francisco (4/18/06)
*5-154	F. Ohmori	On the Destructive Earthquakes in the Shinano-gawa Valley and those along the Japan Sea Coast.	1908	Zenkohji	Gen.	Echigo, Sado
*5-155	F. Ohmori	The Aftershocks of the Zenkohji (1847) and the Tempo (1830) Earthquakes.	1909	Zenkohji	Aftershock	
*5-156	F. Ohmori	The Sakurajima Eruptions and Earthquakes. I. (General Account).	1914	Sakurajima	Volcano	
*5-157	F. Ohmori	The Sakurajima Eruptions and Earthquakes. VI. (Notes on the Destructive Earthquake of Jan. 12, 1914, and Miscellaneous Remarks on the Eruption of Sakurajima.	1922	Sakurajima	Volcano	
*5-158	F. Ohmori	The Ohmachi (Shinano) Earthquakes of 1918-1922. I.	1922	Ohmachi	Gen.	
*5-159	F. Ohmori	On the Shimabara Earthquake of Dec. 8, 1922.	1928	Shimabara	Gen.	
*5-160	A. Imamura	Report on the Changes in the Land-level in Connection with the Shimabara Earthquake of 1922.	1928	Shimabara	Sub. & Uph.	
*5-161	A. Imamura	Seismographic Study of the Shimabara Earthquake.	1928	Shimabara	Exp. Meas.	
*5-162	A. Imamura	The Tajima Earthquake of 1925.	1928	Tajima	Gen.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*5-163	N. Yamasaki	On the Cause of the Tajima Earthquake of 1925.	1928	Tajima	Gen.	
*5-164	A. Imamura	List of the Aftershocks of the Great Kanto Earthquake.	1928	Kanto	Aftershock	
*5-165	S. Yamaguchi	On the Change in Water Level of Rivers Observed in the Occasion of the Great Earthquake.	1928	Kanto	Others	
*5-166	T. Terada	On the Fluctuation of Sea Level before and after the Great Kanto Earthquake, 1923: Effect of Cyclones.	1928	Kanto	Ocn. Eqke.	
*5-167	Land Survey Department	Re-survey of the Kanto District after the Great Earthquake of 1923.	1930	Kanto	Lev. & Tri.	

5.3 PUBLICATIONS OF THE IMPERIAL EARTHQUAKE INVESTIGATION COMMITTEE (in Foreign Languages)

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
5-168	S. Tanabe	On the Chimneys which were Damaged by the Earthquake of June, 1894.	1900	Tokyo	Buil. Dam.	
*5-169	F. Ohmori	Note on the Great Mino-Owari (Nohbi) Earthquake of Oct. 28, 1891.	1900	Nohbi (1891)	Gen.	
*5-170	F. Ohmori	Note on the Tokyo Earthquake of June 20, 1894.	1900	Tokyo	Gen.	
*5-171	S. Sekiya	The Diagram of the Semi-destructive Earthquake of June 20, 1894 (Tokyo).	1900	Tokyo	Exp. Meas.	
*5-172	F. Ohmori	Note on the Aftershocks of the Hokkaido Earthquake of March 22, 1894.	1900	Kushiro-oki	Aftershock	
*5-173	F. Ohmori	Note on the Aftershocks of the Mino- Owari (Nohbi) Earthquake of Oct. 28, 1891.	1902	Nohbi	Aftershock	

5.4 SEISMOLOGICAL NOTES

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
*5-174	F. Ohmori	On the Severe Earthquake of Dec. 8, 1921.	1922	Ryuhogasaki	Gen.	
*5-175	C. Yasuda	List of the Aftershocks of the Strong Earthquake of Dec. 8, 1921.	1922	Ryuhogasaki	Aftershock	
*5-176	F. Ohmori	The Semi-destructive Earthquake of April 26, 1922.	1922	Uraga-kai	Gen.	
*5-177	F. Ohmori	Tokyo Observation of the Strong Earthquake on Jan. 14, 1923.	1924	Suikaido	Exp. Meas.	
*5-178	A. Imamura	Preliminary Note on the Great Earthquake of Southeastern Japan on Sept. 1, 1923.	1924	Kanto	Gen.	

## 6. BULLETIN OF THE DISASTER PREVENTION RESEARCH INSTITUTE, KYOTO UNIVERSITY

No.	Author	Title	Date	Earthquake Classification	Classi- fication	Notes
*6-1	R. Tanabashi	Relationship between Damages and Earth-ground on the Occasion of the Tonkai Earthquake and its Aftershock.	1948	Tohankai	Ground	Damage
*6-2	Y. Yokoo	Seismic Study of the Earthground near Tottori-shi.	1949	Tottori	Ground	
*6-3	Y. Baba	Seismic Study of the Earthground of Kochi-shi.	1949	Nankai	Ground	
*6-4	S. Yoshioka	Relationship between Damages and the Earthground on the Occasion of the Fukui Earthquake.	1949	Fukui	Ground	Damage
*6-5	Y. Yokoo	Seismic Study of the Earthground of Fukui-shi.	1949	Fukui	Ground	
*6-6	S. Hayashi	Relationship between Seismic Vibrations and Earthground.	1949	Fukui	Ground	
*6-7	M. Ogawa	Seismic Vibrations of the Fukui Earthquake Observed at the Abuyama Seismological Observatory.	1949	Fukui	Exp. Meas.	
*6-8	T. Matsuda	On the Distribution of Damages due to the 1949 Fukui Earthquake.	1949	Fukui	Damage	
*6-9	T. Ichinoe	Crustal Deformation near Fukui-shi after the Great Earthquake.	1949	Fukui	Crst. Mvmt.	
*6-10	K. Wakayama	Geomagnetic Change in the Fukui Region.	1949	Fukui	Cur. & Mag.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
6-11	M. Yoshioka	Report on the Ground Characteristics in Niihama-shi.	1950	Nankai	Ground	
6-12	A. Kubodera	Report on the Ground Characteristics in Wakayama-shi.	1950	Nankai	Ground	
6-13	H. Momose	Report on the Ground Characteristics in Tokushima-shi.	1950	Nankai	Ground	
6-14	H. Momose	Settlement of Alluvium stratum due to the Consolidation Resulting from the Earthquake.	1950	Nankai		
6-15	M. Naruoka	Levelling in Kohchi-shi.	1950	Nankai	Lev. & Tri.	

7. BULLETIN OF THE SCIENCE AND ENGINEERING RESEARCH LABORATORY OF WASEDA UNIVERSITY

No.	Author	Title	Date	Earthquake Classification	Notes
*7-1	N. Nasu	Seismological Aspects of the Niigata Earthquake of June 16, 1964.	1966	Niigata	Gen.
*7-2	N. Imai	Geological Aspects of the Niigata Earthquake.	1966	Niigata	Geology
*7-3	K. Kotohda	Major Aspects of Damage and Ground Conditions in Afflicted Areas.	1966	Niigata	Ground Damage
*7-4	S. Goto	The Characteristics of the Surface Soil of Niigata.	1966	Niigata	Geology
*7-5	A. Mori	Civil Engineering Aspects of the Niigata Earthquake Road.	1966	Niigata	Publ. Dam.
*7-6	M. Numata	Civil Engineering Aspects of the Niigata Earthquake Railway.	1966	Niigata	Publ. Dam.
*7-7	H. Sajima	Civil Engineering Aspects of the Niigata Earthquake Harbors.	1966	Niigata	Publ. Dam.
*7-8	T. Yonemoto	Civil Engineering Aspects of the Niigata Riparian Calamities.	1966	Niigata	Publ. Dam.
*7-9	H. Yoneya	Civil Engineering Aspects of the Niigata Earthquake Electric Power Plant.	1966	Niigata	Publ. Dam.
*7-10	H. Murakami	Civil Engineering Aspects of the Niigata Earthquake. Structures in and around Niigata-shi: Mainly, in the Lower Parts of the Aganogawa Water System.	1966	Niigata	Publ. Dam.
*7-11	S. Kamiyama	Civil Engineering Aspects of the Niigata Earthquake: Cracking and Destruction of Concrete Structures.	1966	Niigata	Buil. Dam.

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*7-12	K. Horii	Civil Engineering Aspects of the Niigata Earthquake: Bridges Spanning the Lower Course of the River Shinano.	1966	Niigata	Publ. Dam.	
*7-13	S. Tani	Architectural Effects of the Niigata Earthquake. Introduction.	1966	Niigata	Gen.	
*7-14	M. Takeuchi	Architectural Effects of the Niigata Earthquake: Analysis of the Niigata Earthquake Accelerogram.	1966	Niigata	Buil. vib.	Ground
*7-15	Y. Tamura	Architectural Effects of the Niigata Earthquake: Wood Construction.	1966	Niigata	Buil. Dam.	
*7-16	G. Matsui	Architectural Effects of the Niigata Earthquake: Reinforced Concrete Construction.	1966	Niigata	Buil. Dam.	
*7-17	A. Tsuruta	Architectural Effects of the Niigata Earthquake: Steel Construction.	1966	Niigata	Buil. Dam.	
*7-18	Y. Tanaka	Architectural Effects of the Niigata Earthquake: Shell Structures and Tanks.	1966	Niigata		
*7-19	K. Kimura	Architectural Effects of the Niigata Earthquake: Building Equipment.	1966	Niigata	Buil. Dam.	
*7-20	M. Takeuchi	Architectural Effects of the Niigata Earthquake: Conclusion.	1966	Niigata	Damage	
*7-21	I. Inoue	Chemical and Safety Engineering Aspects of the Niigata Earthquake.	1966	Niigata	Damage	

## 8. JOURNAL OF GEOGRAPHY.

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
8-1	T. Kochibe	Earthquake Disaster in Iwami, 1872.	1889	Hamada	Gen.	
8-2	T. Kochibe	Earthquake Disaster in Iwami, 1872 (Part 2)	1889	Hamada	Gen.	
8-3		The Earthquake of Feb. 18, 1889.	1889	Kawasaki	Gen.	
8-4	Kanto-Yajin	The Earthquake in Kumamoto in 1889.	1889	Kumamoto	Gen.	
8-5	B. Koto	Report on the General Survey of the Kumamoto Earthquake.	1889	Kumamoto	Gen.	
8-6	N. Kaneda	Report on the Kumamoto Earthquake.	1889	Kumamoto	Gen.	
8-7		Report on the Kumamoto Earthquake.	1889	Kumamoto	Gen.	
8-8	T. Kohno	Report on the Strong Earthquake in Shinsyu on Jan. 7, 1890.	1890	Saikawa	Gen.	
8-9	T. Kohno	Supplement to Report on the Strong Earthquake in Shinsyu on Jan. 7, 1890.	1890		Gen.	
8-10	M. Yatsu	The Earthquake in Kumamoto.	1890	Kumamoto	Gen.	
8-11		The Earthquake of Jan. 7, 1890.	1890	Saikawa	Gen.	
8-12	M. Yatsu	The Earthquake in Kumamoto (Part 2).	1890	Kumamoto	Gen.	
8-13		The Earthquake in and around Miakejima.	1890	Miakejima (1890,	Gen.	
8-14	H. Sawada	The Earthquake Disaster in Tosa during the Hoei Era.	1890	Hoei	Gen.	
8-15	T. Kochibe	Report on the General Survey of the Disaster Area in Mino, Owari and Echizen.	1891	Nohbi (1891)	Gen.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
8-16	T. Hiki	General Survey of the Neo Valley Fault in Mino.	1891	Nohbi (1891)	Fault	
8-17	Kanto-Yajin	The Nohbi Earthquake in 1891.	1892	Nohbi (1891)	Gen.	
8-18	T. Kanai	Report on the Earthquake at Shimabara in 1792.	1892	Shimabara	Gen.	
8-19	T. Kanai	Report on the Earthquake at Shimabara in 1792. (Part 2).	1892	Shimabara	Gen.	
8-20	T. Kanai	Report on the Earthquake at Shimabara in 1792 (Part 3).	1892	Shimabara	Gen.	
8-21	Yokoyama	Effect of the Nohbi Earthquake on Europe.	1892	Nohbi (1891)	Gen.	
8-22		The Seismically Damaged Area in Imadate-gun in Echizen.	1892	Nohbi (1891)	Damage	
8-23	T. Kanai	Report on the Earthquake at Shimabara in 1792 (Part 4).	1892	Shimabara	Gen.	
8-24	T. Kanai	Report on the Earthquake in Shimabara in 1792 (Part 5).	1892	Shimabara	Gen.	
8-25		Consideration on the Cause of the Shimohsa Earthquake , June 3, 1892.	1892	Shimohsa	Cause	Damage
8-26	T. Kanai	Report on the Earthquake at Shimabara in 1792 (Part 6).	1892	Shimabara	Gen.	
8-27		The Earthquake in Gifu on Sept. 7, 1892.	1892	Gifu	Gen.	
8-28	M. Ito	Frequency of the Earthquake Occurrence in the Nohbi District during 13 Months.	1892	Nohbi (1891)	Eqke. Act.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
8-29	T. Wakimizu	Hypocenter of the Great Nohbi Earthquake.	1893	Nohbi (1891)	Cause	Fault
8-30	M. Teraishi	Report on the Four Great Earthquakes in Tosa.	1893	Hakuho	Gen.	Tohnankai (1605)
8-31	M. Teraishi	Report on the Four Great Earthquakes in Tosa (Part 2).	1893	Hoei	Gen.	Ansei
8-32	M. Teraishi	Report on the Four Big Earthquakes in Tosa (Part 4).	1893	Ansei	Gen.	
8-33		The Earthquake in Kagoshima-ken.	1893	Chiran	Gen.	
8-34	M. Teraishi	Supplement to Report on the Big Four Earthquakes in Tosa.	1893	Hoei	Gen.	
8-35		Report on the Earthquake in Shinano, 1847-1894	1894	Zenkohji	Gen.	
8-36		Report on the Earthquake in Shinano, 1847 (Part 2).	1894	Zenkohji	Gen.	
8-37		The Earthquake in Hokkaido.	1894	Kushiro-oki	Gen.	
8-38		Report on the Earthquake in Shinano, 1847 (Part 3).	1894	Zenkohji	Gen.	
8-39		The Earthquake in Nemuro.	1894	Kushiro-oki	Gen.	
8-40		The Severe Earthquake in Tokyo and its Vicinity on June 20, 1894.	1894	Tokyo	Gen.	
8-41		The Great Earthquake in Yamagata-ken.	1894	Shohnai	Gen.	
8-42		The Strong Earthquake on Jan. 18, 1895.	1895	Tonegawa	Gen.	
8-43	Umenoya	Excerpt from "Report on the Ansei Earthquake".	1895	Edo	Gen.	Egke. Sgns. October 2.

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
8-44	O. Aihara	Report of the Imperial Earthquake Investigation Committee, Vol. 8, (Part 1: The Shohnai Earthquake).	1896	Shohnai	Gen.	
8-45		The Earthquake in the Tohoku District.	1896	Riku-U	Gen.	
8-46		The Earthquake in the Tohoku District, (Part 2).	1896	Riku-U	Gen.	
8-47		Change in the Earth's Magnetism Preceding the Riku-U Earthquake.	1896	Riku-U	Cur. & Mag.	
8-48		Damage by the Sanriku Tsunami.	1896	Sanriku (1896)	Tsunami	
8-49	K. T.	The Earthquake in Hida.	1896	Hida	Gen.	
8-50	T. Kochibe	Geological Considerations on the Seismic Tsunami in the Sanriku District.	1896	Sanriku (1896)	Tsunami	Geology
8-51	T. Kochibe	Report on the Earthquake Disaster in Akita-ken.	1897	Riku-U	Gen.	
8-52		Report on the Earthquake.	1897	Rikuzen-oki	Gen.	
8-53		Tsunami in the Tohoku District.	1897	Sanriku (1897)	Tsunami	
8-54		The Earthquake Damage.	1898	Rikuchu	Damage	
* 8-55		The Earthquake in Yamato Province.	1899	Kii-Yamato	Gen.	
* 8-56	A. Imamura	On the Casue of Tsunami at Rikuzen, Rikuchu and Mutsu.	1899	Sanriku (1897)	Tsunami	
* 8-57	A. Imamura	On the Tsunami of Rikuzen, Rikuchu and Mutsu.	1900	Sanriku (1897)	Tsunami	
* 8-58		Violent Volcanic Eruptions on the Shimabara Peninsula.	1900	Shimabara	Gen.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
* 8-59		Violent Volcanic Eruptions on the Shimabara Peninsula.	1900	Shimabara	Gen.	
* 8-60		Violent Volcanic Eruptions on the Shimabara Peninsula.	1900	Shimabara	Gen.	
* 8-61		Violent Volcanic Eruptions on the Shimabara Peninsula.	1900	Shimabara	Gen.	
* 8-62	T. Ikegami	On the Earthquake in Rikuzen of May, 1900.	1900	Rikuzen	Gen.	
* 8-63		Violent Volcanic Eruptions on the Shimabara Peninsula.	1900	Shimabara	Gen.	
* 8-64		Violent Volcanic Eruptions on the Shimabara Peninsula.	1900	Shimabara	Gen.	
* 8-65		Violent Volcanic Eruptions on the Shimabara Peninsula.	1901	Shimabara	Gen.	
* 8-66	F. Ohmori	The Great Earthquake in the Years of Hōei.	1901	Hōei	Gen.	
* 8-67		The Tsunami Following the Great Earthquake, Dec. 16, 1605.	1901	Tohnankai (1605)	Tsunami	Gen.
* 8-68	T. Ikenoue	Earthquake of Hachinohe.	1901	Hachinohe	Gen.	
* 8-69	T. Ikenoue	Earthquake of Hachinohe.	1901	Hachinohe	Gen.	
8-70		Violent Volcanic Eruptions on the Shimabara Peninsula.	1902	Shimabara	Gen.	
* 8-71	T. Ogawa	Report by the International Geodetic Committee on the Hypsometrical Change of Mino and Owari after the Great Earthquake,	1903	Nohbi (1891)	Sub. & Uph.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*8-72		Great Earthquakes in the Western Part of Japan.	1905	Gei-Yo	Gen.	
*8-73		Earthquake in Ohshima, Izu.	1905	Ohshima	Gen.	
*8-74		Earthquake in Ohshima, Izu.	1906	Ohshima	Gen.	
*8-75		Earthquake in Aki and Iyo Province, June, 1905.	1906	Gei-Yo	Gen.	
*8-76		On the Earthquake in Ohmi Districts on August 14, 1909.	1909	Ko-No	Gen.	
*8-77	F. Ohmori	Aftershocks of the Ohmi-Mino (Ko-No) Earthquake of August 14, 1909.	1909	Ko-No	Aftershock	
*8-78	F. Ohmori	The Ryukyu Earthquake on Aug. 29, 1909.	1909	Okinawa	Gen.	
*8-79	F. Ohmori	Note on the Propagation Velocity of the Ohmi-Mino (Ko-No) Earthquake of Aug. 14, 1909.	1909	Ko-No	Exp. Meas	
*8-80	F. Ohmori	The Severe Earthquake on Nov. 10, 1909.	1909	Hyuga-nada	Gen.	
*8-81	S. Nakamura	Preliminary Note on the Ohmi-Mino (Ko-No) Earthquake of Aug. 14, 1909.	1910	Ko-No	Gen.	Report by the Geology Inst.
*8-82	T. Iki	Crack Lines Following the Eruptions of Uzu Volcano, 1910.	1911	Uzu	Volc. Act.	
*8-83	D.S.	The Recent Seismological Disturbances in Kyushu, as Observed in Europe.	1914	Sakurajima	Gen.	
*8-84	F. Ohmori	The Ohmachi Earthquake of Nov. 11, 1918.	1919	Ohmachi	Gen.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*8-85	F. Ohmori	The Ohmachi Earthquake of Nov. 11, 1918.	1919	Ohmachi	Gen.	
*8-86	F. Ohmori	The Strong Tokyo Earthquake.	1922	Uraga-kai	Gen.	
*8-87	K. Inoue	Preliminary Report on the Earthquake of Sept. 1, 1923.	1923	Kanto	Gen.	
*8-88	A. Imamura	On the Consideration of Future Earthquakes.	1923	Kanto	Gen.	
*8-89	H. Sato	The Earthquake Disaster in the Bluff Region of Tokyo.	1923	Kanot	Damage	Ground
8-90	N. Kiyono	The Earthquake Disaster in and around Chiba-shi.	1923	Kanto	Damage	
*8-91	K. Watanabe	The Earthquake Disaster in "Daiba" in the Shinagawa Bay.	1923	Kanto	Damage	
*8-92	S. Fujiwara	Central Meteorological Station, Burnt out by the Earthquake Conflagration and its Observation.	1923	Kanto	Fire	
*8-93	D. Sato	Rejuvenescence of the Atami Geyser after the Earthquake.	1923	Kanto	Grnd. Wtr.	
*8-94	Ishii	Wells in the Coastal Region of Katase.	1923	Kanto	Grnd. Wtr.	
8-95	Ishii	Earthquake Disaster of Nakada, Nakawada-mura, Kamakura-gun.	1923	Kanto	Damage	
*8-96		Sand Ejected along the Fissures in the Factory of Nippon-Kohkan Company.	1923	Kanto	Grnd. Def.	
*8-97	S. Nakamura	On the Great Earthquake of Sept. 1, 1923.	1923	Kanto	Gen.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
8-98	K. Watanabe	The Dislocation of Kitashitaura in the Miura Peninsula.	1923	Kanto	Fault	
8-99		Leveling in and around the Seismically damaged Sites.			Sub. & Uph.	
*8-100	D. Sato	Geological Investigation of the Earthquake of the Shimabara Peninsula.	1923	Kanto		Geology
*8-101	T. Ogawa	Report on the Kanto Earthquake on Sept. 1, 1923.	1924	Kanto	Srvy. Rep.	
*8-102	K. Tago	The Influence of the Earthquake on Fisheries.	1924	Kanto	Gen.	
*8-103	C. Hayakawa	Earthquake Disaster at the Eastern Parts of Saitama-ken.	1924	Kanto	Damage	
*8-104		Earthquake Disaster on Jan. 15, 1924.	1924	Tanazawa	Gen.	
*8-105	T.O.	Breakage of Chimneys of the Japanese Sauce Factory in Noda-shi.	1924	Kanto	Buil. Dam.	
*8-106		New Hot-spring Discovered at Hamada in the Province of Awa.	1924	Kanto	Grnd. Wtr.	
*8-107	Ministry of Agr. & Com.	The Effects of the Great Earthquake on the Farms.	1924	Kanto	Damage	
8-108	Ministry of Agr. & Com.	Damages to Residents and Houses in Urban and Suburban Seismic Areas.	1924	Kanto	Buil. Dam.	
8-109	Ministry of Railways	Earthquake Damages to the Railways.	1924	Kanto	Publ. Dam.	
*8-110	T. Terada	On the Great Earthquake of Sept. 1, 1923.	1924	Kanto	Gen.	

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
*8-111	Land Survey Department	Change in Height of the Precise Leveling Mark, in the District of Kanto, Damaged by the Great Earthquake of Sept. 1, 1923.	1924	Kanto	Sub. & Uph.	
8-112		The Earthquake Damages to Electric Plants in the Kanto District and the Adopted Emergency Measures.			Damage	
8-113		The Earthquake Damages to Electric Plants in the Kanto District and the Adopted Emergency Measures (Part 2).	1924	Kanto	Damage	
8-114		The Earthquake Damages to Electric Plants in the Kanto District and the Adopted Emergency Measures (Part 2).	1924	Kanto	Damage	
*8-115		Topographical Changes of Mt. Fuji Caused by the Great Earthquake of Kanto.	1924	Kanto	Grnd. Def.	
*8-116	Kobayashi	Another Earthquake near Toyooka, Hyogo-ken	1925	Tajima	Damage	
*8-117	T. O.	Additional Notes on the Earthquake Disaster in Kyoto-fu and Hyogo-ken.	1925	Tajima	Damage	Grnd. Def.
8-118	T. O.	Earthquake and the Fire Following it.	1925	Tajima	Fire	
8-119		Hydrographical Survey of the Area Shaken by the Tajima Earthquake.	1925	Tajima	Tidal Chge.	
*8-120	T. Ogura	The Earthquake in Kyoto-fu and Hyogo-ken (Part 1).	1926	Tajima	Gen.	
*8-121	T. Ogura	The Earthquake in Kyoto-fu and Hyogo-ken (Part 2).	1926	Tajima	Grnd. Def.	
*8-122	H. Tanakadate	The Kanto Earthquake and the Vertical Movement of the Coastal Region (Part 1).	1926	Kanto	Sub. & Uph.	

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
*8-123	T. Ogura	The Earthquake in Kyoto-fu and Hyogo-ken (Part 3).	1926	Tajima		Damage
*8-124	H. Tanakadate	The Kanto Earthquake and the Vertical Movement of the Coastal Region (Part 2).	1926	Kanto	Sub. & Uph.	
*8-125	H. Tanakadate	The Kanto Earthquake and the Vertical Movement of the Coastal Region (Part 3).	1926	Kanto	Sub. & Uph.	
*8-126	H. Tanakadate	The Kanto Earthquake and the Vertical Movement of the Coastal Region (Part 4).	1926	Kanto	Sub. & Uph.	
*8-127		Tango Earthquake of 1927.	1927	Tango	Gen.	
*8-128	H. Tanakadate	The Okutango Earthquake and the Vertical Movement of the Coastal Region (Part 1).	1927	Tango	Sub. & Uph.	
*8-129	H. Tanakadate	The Okutango Earthquake and the Vertical Movement of the Coastal Region (Part 2).	1927	Tango	Sub. & Uph.	
*8-130		Precise Leveling across the Area Affected by the Earthquake in the Province of Tango.	1927	Tango	Lev. & Tri.	
8-131	K. Watanabe	On Topography and Geology of the Area Shaken by the Tango Earthquake.	1928	Tango	Geology	Report by Geology Inst.
*8-132	K. Watanabe	Tango Earthquake and Land Deformation (Part 1).	1928	Tango	Gen.	
*8-133	K. Watanabe	Tango Earthquake and Land Deformation (Part 2).	1928	Tango	Gen.	
*8-134	K. Watanabe	Tango Earthquake and Land Deformation (Part 3).	1928	Tango	Gen.	

No.	Author	Title	Date	Earthquake Classification	Notes
					fixation
*8-135	K. Watanabe	Tango Earthquake and Land Deforamtion (Part 4).	1928	Tango	Gen.
8-136	K. Ihara	On the Topography and Geology of the Areas Shaken by the Izu Earthquake.	1931	Izu	Geology
*8-137		Violent Earthquake of Northwestern Kanto.	1931	Nishi-Saitama	Gen.
8-138	K. Ihara	Land Deformations in the Area Shaken by the Izu Earthquake (Part 1).	1931	Izu	Grnd. Def.
8-139	K. Ihara	Land Deformations in the Area Shaken: by the Izu Earthquake.	1932	Izu	Grnd. Def.
8-140	R. Endo	Earthquake in the Oga Peninsula, Akita- ken, (Part 1).	1939	Oga	Gen.
8-141	R. Endo	Earthquake in the Oga Peninsula, Akita- ken.	1939	Oga	Gen.
8-142	H. Kawasumi	On the Fukui Earthquake.	1949	Fukui	Gen.
8-143	Y. Ogasawara	The Subsidence of Land in Northern Shikoku: The Earth Movement Following the Nankai Earthquake and its Influence on Human Life.	1949	Nankai	Ground
8-144	T. Sawamura	Consideration on the Geological Move- ment Following the Nankai Earthquake.	1951	Nankai	Ground
*8-145	S. Ehara	The Nankai Trench and the Block Move- ment of Shikoku.	1952	Nankai	
8-146	H. Yamaguchi	The Earthquake off Southeast Kamchatka.	1952	Kamchatka	
*8-147	T. Hiroto	The Chilean Earthquake of 1960.	1961	Chilean	

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No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
9-1	T. Ogawa	Study on the Kanto Earthquake (Part 1: Topography and Geological Structures in the Kanto Plain).	1924	Kanto	Geology	
9-2	F. Honma	Study on the Kanto Earthquake (Part 2: Some Destructive Phenomena Resulting from the Kanto Earthquake).	1924	Kanto	Damage	
9-3	S. Ito	Study on the Kanto Earthquake (Part 3: The Sagami-nada Tsunami).	1924	Kanto	Tsunami	
9-4	T. Ogawa	Study on the Kanto Earthquake (Part 4: A New Interpretation of the Cause of Earthquakes).	1924	Kanto	Cause	
9-5	T. Ogawa	Study on the Kanto Earthquake (Part 5: Characteristics of Deep Earthquakes (1)).	1924	Kanto	Cause	
9-6	K. Ide	Study on the Kanto Earthquake (Part 6: Earthquakes and Mines).	1924	Kanto	Others	
9-7	T. Ogawa	Study on the Kanto Earthquake (Part 7: Characteristics of Deep Earthquakes (2)).	1924	Kanto	Cause	
9-8	F. Honma	Study on the Kanto Earthquake (Part 8: General Survey on the Geological Structure in Mt. Tanzawa).	1924	Kanto	Geology	
9-9	T. Ogawa	Study on the Kanto Earthquake (Part 9: Upheaval and Subsidence in Sagami Bay).	1924	Kanto	Sub. & Uph.	

No.	Author	Title	Date	Earthquake	Class-	Notes
					fication	
9-10	T. Kamihari	Study on the Kanto Earthquake (Part 10: Earthquakes in Sagami Districts on Sept. 1, 1923 and Jan. 15, 1924).	1924	Kanto	Gen.	Tanzawa
9-11	R. Koide	Mt. Kimpo and the Kumamoto Earthquake.	1924	Kumamoto	Gen.	
9-12	T. Ogawa	Report on the Earthquake in North Tajima.	1925	Tajima	Gen.	
9-13	S. Ishikawa	Survey Report on the Area Shaken by the Tajima-Kita Earthquake.	1925	Tajima	Srvy. Rep.	
9-14	N. Kumaga	Depth and Characteristics of the Tajima Earthquake Hypocenter.	1925	Tajima	Exp. Meas.	Cause
9-15	M. Nishiki	The Kanto Earthquake and Kobe Port.	1925	Kanto	Others	
9-16		Report on the Survey of the Sea Surface in Area Damaged by the Tango-Tajima Earthquake.	1925	Tajima	Tidal Chg.	
9-17	M. Funakoshi	Relationship between Wakasa Bay and the Fault Line Running North Tajima and the Kyoto Basin.	1926	Tajima	Fault	
9-18	T. Kamihari	The Ansei Earthquake in Sakai, Senshu, and the Following Tsunami.	1926	Ansei	Gen.	Tsunami
9-19	S. Ishikawa	New Data of the Tajima Earthquake in 1925.1927	1927	Tajima	Crst. Mvmt.	
9-20	S. Nakamura	The Seismic Line and the Weak Ground Line during the Tango-Mineyama Earthquake (Part 1).	1929	Tango	Fault	
9-21	T. Ogawa	The Tango-Mineyama Earthquake and its Interpretation.	1927	Tango	Gen.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
9-22	S. Nakamura	The Seismic Line and the Weak Ground Line during the Tango-Mineyama Earthquake (Part 2).	1927	Tango	Fault	
9-23	N. Kumagai	The Distribution of Gravity in the Kanto Plain (Part 1).	1927	Kanto	Gravity	
9-24	N. Kumagai	The Distribution of Gravity in the Kanto Plain (Part 2).	1927	Kanto	Gravity	
9-25	S. Nakamura	The Neo Fault	1927	Nohbi (1891)	Fault	
9-26	N. Kumagai	The Distribution of Gravity in the Kanto Plain (Part 3).	1927	Kanto	Gravity	
9-27	S. Nakamura	Report on the Hypocenters of the Ansei and Hoei Great Earthquakes (Part 1).	1928	Ansei	Others	Hoei Gen.
9-28	F. Honma	The Distribution Map of the Damage Resulting from the Oku-Tango Earthquake.	1928	Tango	Damage	
9-29	T. Shimoma	The Earthquake in the Aso District in Kumamoto-ken.	1929	Aso	Gen.	
9-30	T. Ogawa	Ground Movement Resulting from the Izu Earthquake.	1931	Izu	Grnd. Def.	
9-31	Y. Kimizuka	Survey Report on the Areas Shaken by the Kita-Izu Earthquake.	1931	Izu	Srvy. Rep.	
9-32		Several Phenomena Accompanying the Kita-Izu Earthquake.	1931	Izu	Fault	
9-33	M. Funakoshi	The Tanna Fault.	1931	Izu	Fault	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
9-34	Y. Sugaya	General Report on the Survey of Damage between Han-no and Yorii Resulting from the Saitama Earthquake.	1931	Nishi-Saitama		Damage
9-35	J. Yonekura	Dislocation of Villages on Sanriku Coast Damaged by the Tsunami: Misaki-mura, Kesen-gun, Iwate-ken.	1934 (1933)	Sanriku		Tsunami
9-36	J. Makiyama	Geological Considerations of the Shizuoka Earthquake.	1935	Shizuoka		Geology
9-37	T. Kamihari	Monument of the Ansei Earthquake in Ueno, Iga, and the Ground Deformation during the Ansei Era.	1936	Ansei	Gen.	Grnd. Def.

No.	Author	Title	Date	Earthquake Classifi- cation	Notes
10-1	Y. Ogasawara	Ground Movement in North Shikoku: Subsidence of the Salt Farms.	1948	Nankai	Grnd. Def. Sub. & Uph.
10-2	K. Shino	Report on the Retriangulation after the Fukui Earthquake.	1949	Fukui	Lev. & Tri.
10-3	Ground Survey Office, G.S.J.	Report on Leveling of the First Class Benchmarks in the Nohbi District.	1949	Nohbi (1891)	Lev. & Tri. Nohnankai Tango
10-4	Y. Ogasawara	The Damage and Ground Deformation Resulting from the Fukui Earthquake: Mainly, Fault.	1949	Fukui	Damage Fault
10-5	K. Shino	Report and Aerial Photo of the Damage by the Fukui Earthquake.	1949	Fukui	Damage
10-6	M. Ohmori	Report on Re-leveling of First Class Benchmarks in the Areas Damaged by the Fukui Earthquake.	1949	Fukui	Lev. & Tri.
10-7	K. Yamaguchi	Survey of the Sites Damaged by the Tokachi-oki Earthquake.	1952	tokachi-oki Gen.	
10-8		Report on Leveling of First Class Benchmarks at the Area Shaken by the Tokachi-oki Earthquake.	1953	Tokachi-oki Lev. & Tri.	Sub. & Uph.
10-9	First Dept. of Survey	General Survey of Dislocations of the First Class Triangular Points in the Ishikawa and the Fukui Districts.	1953	Fukui	Lev. & Tri. Crst. Mvmt.
10-10	"	Report on the Leveling of Yoshino District by N 2.	1953	Yoshino	Lev. & Tri.
10-11	"	Report on the Leveling after the Tokachi-oki Earthquake.	1956	Tokachi-oki Lev. & Tri.	
10-12	Geographical Survey of Japan	Damage and Ground Deformation Resulting from the Fukui Earthquake: Mainly, Earthquake and Fault.	1949	Fukui	Damage Fault

11. THE GEOGRAPHY

No.	Author	Title	Date	Earthquake	Classification	Notes
11-1	K. Kagawa	Survey of the Area Shaken by the Suruga (Shizuoka) Earthquake.	1935	Shizuoka (1935)	Gen.	
11-2	M. Tanaka	Experience of the Shizuoka Earthquake.	1935	Shizuoka (1935)	Gen.	Damage
11-3	A. Kishi	Characteristics of the Kawachi Earthquake and its Interpretation.	1936	Kawachi-Yamato	Gen.	
11-4	R. Ohashi	The Earthquake that Occurred in and around Ogasshima.	1938	Dewa	Gen.	Noshiro, Oga (1810)
11-5	M. Takahashi	Report on Seismic Damage by the Oga Earthquake.	1939	Oga	Damage	
11-6	M. Ishimoto	The Momoyama Earthquake in the Eyes of an Italian Missionary.	1940	Bungo	Gen.	

12. THE GEOGRAPHICAL REVIEW

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
12-1	A. Imamura	Observation of the Great Tajima Earthquake.	1925	Tajima	Exp. Meas.	
12-2	N. Yamasaki	Hypocenter of the Tajima Earthquake.	1925	Tajima	Fault	Cause
12-3		Report on Sea Surface in the Areas Damaged by the Tango-Tajima Earthquake.	1925	Tajima		
12-4	F. Tada	The Okutango Earthquake.	1927	Tango	Gen.	
12-5	R. Ohashi	The Akita Fault or Hypocenter of the Tencho Earthquake in the Dewa District.	1927	Dewa	Fault	
12-6	F. Tada	Horizontal Movement in the Kanto District.	1927	Kanto	Crst. Mvmt.	
12-7	R. Ohashi	The Oga Earthquake in 1810 and the Ayukawa Fault.	1928	Oga	Gen.	Fault
12-8	H. Watanabe	Marine Terrace in the South Bohso Peninsula (Part 1).	1929	Kanto	Geology	
12-9	N. Nasu	Shape of Blocks inferred on the Basis of Observed Three-dimensional Distribution of Aftershocks Following the Tango Earthquake.	1929	Tango	Aftershock	
12-10	A. Imamura	Relationship between Multi-Hypocentral Features of the Kanto Earthquake and a Group of Faults Associated with it.	1930	Kanto	Fault	Cause
12-11	R. Ohashi	An Experiment to Investigate the Ground Characteristics of the Kanto District.	1930	Kanto	Geology	Exp. Meas.
12-12	F. Tada	Fault Scarp Resulting from a Reverse Fault.	1930	Tango	Fault	

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
12-13	C. Tsuboi	Block Movement Inferred by Retriangula- tion in the Tango District.	1930	Tango	Crst. Mvmt.	Lev. & Tri.
12-14	N. Yabe	The Relationship between the Kanto Earth- quake, Sept. 1, 1923, and the Geology of the Area Severely Shaken by the Kanto Earthquake.	1930	Kanto	Geology	
12-15	A. Imamura	On the Crustal Deformations Preceding and Following the Severe Haneda Earthquake of Aug. 3, 1926.	1931	Haneda	Crst. Mvmt.	Introductory Literature
12-16	S. Yamaguchi	Changes in the Depth of Sagami Bay Re- sulting from the Great Kanto Earthquakes.	1933	Kanto	Crst. Mvmt.	Introductory Literature
12-17	Y. Otsuka	Geological Consideration on the Busan Fault in Miura Peninsula by Dr. N. Yama- saki.	1935	Kanto	Fault	Geology
*12-18	H. Kuno	On the Tanna Fault, its Amount of Displacement since the Pleistocene Period.	1936	Izu	Fault	
12-19	S. Awaji	Fault Topography in and around Nagano-shi.	1936	Zenkichi	Fault	Substance of Lec
*12-20	R. Ohashi	Two Parallel Tears at Takashimizu Hill near Akita and their Probable Bearing on the Great Earthquake of 830.	1936	Dewa	Fault	
*12-21	A. Tsuboi	Kernbuts along the Active Fault of the Tottori Earthquake.	1944	Tottori	Fault	Geology
*12-22	A. Tsuji	Crustal Movement in the Eastern Coast of Tottori-ken.	1947	Tottori	Sub. & Upf.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
12-23	A. Tsuji	Several Observations on the Relationship between Topography and Active Faults based on the Tottori Earthquake, 1943.	1947	Tottori	Fault	Geology
12-24	R. Tayama	Observation of Hypocenter in the Area Shaken by the Nankai Earthquake.	1947	Nankai		
12-25	R. Tayama	Observation of the Hypocenter Off Kii-suido.	1947	Nankai	Geology	Substance of lec.
*12-26	R. Tayama	Submarine Topography off the Pacific Coast of Shikoku.	1949	Nankai	Geology	Substance of lec.
12-27	S. Miyamoto	Anomaly of the Propagation Speed of the Earthquake Wave Observed before and after the Fukui Earthquake.	1950	Fukui	Exp. Meas. Substance of Report Presentation	
12-28	A. Mogi	Crustal Movement at the Sea Bottom around Awashima Resulting from the Niigata Earthquake.	1965	Niigata	Crst. Mvmt.	

13. SPECIAL REPORT OF THE IMPERIAL GEOLOGICAL SURVEY INSTITUTE OF JAPAN

No.	Author	Title	Date	Earthquake	Classification	Notes
*13-1		Special Report No. 1: Reports on the Kanto Earthquake, Sept. 1923, (Part 1).	1925	Kanto	Srvy. Rep.	13-2 thru 13-9 are contents of 13-1.
13-2	M. Kadokura	Report on the Earthquake in Saitama-ken.	1925	Kanto	Srvy. Rep.	
13-3	T. Ohashi	Report on the Earthquake in Ibaragi-ken, Tochigi-ken, and Gunma-ken.	1925	Kanto	Srvy. Rep.	
13-4	K. Ihara	Report on the Earthquake in the Northeast of Tokyo.	1925	Kanto	Srvy. Rep.	
13-5	R. Kimura	Report on the Earthquake Southeast of Tokyo.	1925	Kanto	Srvy. Rep.	
13-6	H. Sato	Report on the Earthquake West of Tokyo.	1925	Kanto	Srvy. Rep.	
13-7	T. Akagi	Report on the Earthquake in Southernmost Tokyo.	1925	Kanto	Srvy. Rep.	
13-8	H. Sato	Report on the Earthquake in the North of Tokyo.	1925	Kanto	Srvy. Rep.	
13-9	T. Akagi	Report on the Earthquake in the East of Tokyo.	1925	Kanto	Srvy. Rep.	
*13-10		Special Report No. 2: Reports on the Kanto Earthquake, Sept. 1923, (Part 2).	1925	Kanto	Srvy. Rep.	13-11 thru 13-13 are contents of 13-10.
13-11	M. Kadohara	Report on the Earthquake at Awa-gun, Chiba-ken.	1925	Kanto	Srvy. Rep.	
13-12	T. Ogura	Report on the Earthquake in Kazusa and Shimohsa, Chiba-ken.	1925	Kanto	Srvy. Rep.	

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
13-13	N. Kiyono	Report on the Earthquake in and around Chiba-shi.	1925	Kanto	Srvy. Rep.	
*13-14	Geological Survey of Japan	Special Report No. 3: Report of the Geological Survey on the Niigata Earthquake.	1966	Niigata	Srvy. Rep.	
*13-15	K. Matsuno	On the Geological Structure of the Northeastern Part (Murakami-Tsuruoka Area) of the Niigata District.	1966	Niigata	Geology	
*13-16	K. Kuroda	Some Notes on the Geological Structure of the Niigata Earthquake District.	1966	Niigata	Geology	
*13-17	K. Kuroda	Paleozoic Rocks of the Echigo Mountain Range, Northeast Japan.	1966	Niigata	Geology	
*13-18	I. Murai	Tectonic Analysis of the District between Murakami and Tsuruoka.	1966	Niigata	Geology	
*13-19	T. Kakimi	Geological Structure of Awashima Island with Special Reference to the Fracture Systems.	1966	Niigata	Geology	
*13-20	S. Kamata	A Study on the Geological Structures by Sonic Exploration around the Epicenter of the Niigata Earthquake.	1966	Niigata	Geology	
13-21	N. Obara	Geological Research in the Niigata District.	1966	Niigata	Geology	
*13-22	O. Fukuta	Geological Study on Two Test-wells in the Niigata Area.	1966	Niigata	Geology	
*13-23	S. Sano	The Influence of the Niigata Earthquake upon the Radioisotope Observation Wells Constructed for the Study of Land Subsidence.	1966	Niigata	Ground	

No.	Author	Title	Date	Earthquake	Classification	Notes
*13-24	K. Seya	Gravity and Leveling Survey in the Area which Suffered from the Niigata Earthquake.	1966	Niigata	Gravity	Lev. & Tri.
*13-25	K. Juroda	On Changes of Hot-springs Observed after the Niigata Earthquake.	1966	Niigata	Grnd. Wtr.	
*13-26	T. Murashita	Damage to the Ground Surface and Fluctuation of the Ground Water Level Caused by the Niigata Earthquake.	1966	Niigata	Damage	Grnd. Wtr.
*13-27	T. Makino	The Change of the Water Level of the Natural Gas Wells by the Niigata Earthquake in the Niigata District.	1966	Niigata	Grnd. Wtr.	
*13-28	K. Sugai	Special Report No. 4: Report of a Preliminary Survey on the Niigata Earthquake.	1966	Niigata		

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
14-1	F. Ohmori	General Report on the Nohbi Earthquake.	1893	Nohbi (1891)	Others	Srvy. Rep.
14-2	F. Ohmori	General Report on the Nohbi Earthquake (Part 2).	1893	Nohbi (1891)	Others	Srvy. Rep.
14-3	F. Ohmori	General Report on the Nohbi Earthquake (Part 3).	1894	Nohbi (1891)	Others	Srvy. Rep.
14-4	F. Ohmori	General Report on the Nohbi Earthquake (Part 4).	1894	Nohbi (1891)	Others	Srvy. Rep.
14-5	F. Ohmori	General Report on the Nohbi Earthquake (Part 5).	1894	Nohbi (1891)	Others	Srvy. Rep.
14-6	K. Sugaya	The Great Earthquake in the Shohnai District during the Bunka Era.	1894	Kisakata	Gen.	
14-7	F. Ohmori	General Report on the Nohbi Earthquake (Part 6).	1894	Nohbi (1891)	Grnd. Def.	
14-8		The Earthquakes in the Tsugaru District from the Keicho Era to the Ansei Era (1596 - 1854).	1894		Gen.	
14-9		The Great Earthquake and the Flood in Hachinohe during the Horeki Era.	1894	Hachinohe (1763)	Damage	Gen.
14-10		Report on the Nemuro Earthquake.	1894	Kushiro-oki Gen.		
14-11	F. Ohmori	General Report on the Nohbi Earthquake (Part 7).	1894	Nohbi (1891)	Grnd. Def.Fault	
14-12	S. Sekiya	On the Result of the Observation of the Earthquake at 14:40 on June 20, 1894.	1894	Tokyo	Exp. Meas.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
14-13	Tokyo Inst. of Science.	Time History of the Strong Seismic Motion on June 20, 1894.	1894	Tokyo	Exp. Meas.	
14-14	F. Ohmori	Report on the Earthquake on Jan. 10, 1894.	1894	Nohbi	Gen.	
14-15		The Ryo-U (Shohnai) Great Earthquake.	1894	Shohnai	Gen.	
14-16		On the Earthquake Damage in and around Sakata-shi.	1894	Shohnai	Damage	
14-17		Various Phenomena Accompanying the Sakata Earthquake.	1894	Shohnai	Grnd. Def.	
14-18	Y. Ishii	The Geological Structure around Chohkaizan and the Ryo-U (shonai) Earthquake.	1894	Shohnai	Geology	
14-19		The Kumamoto Earthquake and the Subterranean Rumbling of Ryohzan in the Aso Spa.	189	Kumamoto	Volcano	Sound
14-20	N. Yamazaki	Report on the Riku-U Earthquake.	1896	Riku-U	Gen.	
14-21		Dr. Dabison's Investigation on the Influence of the Great Nohbi Earthquake of 1890.	189	Nohbi (1891)	Egke. Act.	
14-22		The Earthquake in Nagano-ken on Apr. 30, 1897.	1897	Kamitakai	Gen.	
14-23		The Nagano Earthquake.	1897	Kamitakai	Gen.	
14-24	A. Imamura	On the Earthquake and the Following Tsunami on Aug. 5, 1896.	1897	Sanriku	Gen.	Tsunmai
14-25	F. Ohmori	On the Aftershocks of the Great Earthquake in Hokkaido on Mar. 22, 1894.	1898	Kushiro-oki	Aftershock	

No.	-	-	Author	Title	Date	Earthquake	Classi-	Notes
							fication	
14-26	-	T. Iki	Observation of Sendai District Damaged by the Earthquake on May 12.	1900	Rikuzen	Gen.	Buil.	Dam.
14-27	-	N. Fukuchi	The Great Earthquake in the South Izu Islands on Nov. 5, 1900.	1901	Miakejima	Gen.		
*14-28	-	H. Hachiya	Earthquake Damage in the Tsugaru District in 1766.	1902	Tsugaru	Damage		
14-29	-	B. Kotoh	The Hypocenter of the Aki-Iyo (Gei-yo) Earthquake.	1906	Gei-yo	Geology		
14-30	-	F. Ohmori	The Explosion of Unzen-dake in 1792.	1908	Shimabara	Volcano		
*14-31	-		The Destructive Earthquake in the Provinces Ohmi and Mino, Aug. 14, 1909.	1909	Jo-No	Gen.		
14-32	-	I. Komada	The Appearance before and after the Eruption of Mayuyama in Bizen-Shimabara, 1792.	1914	Shimabara	Volcano		
14-33	-	R. Ohhashi	Investigation of the Cause for the Akita Earthquake in 1914.	1917	Ugosen	Cause		
*14-34	-	F. Ohmori	On the Collapse of the Mae-Yama, Volcano Unzen in 1792.	1918	Shimabara	Mt. Iwatsuki	Gen.	
*14-35	-	T. Kato	Preliminary Notes on the Kanto Earthquake in Japan, Sept. 1, 1923.	1923	Kanto	Gen.		
14-36	-	M. Kakihara	On the Hypocenter of the Earthquake on Sept. 1, 1923.	1923	Kanto	Gen.		
*14-37	-	B. Koto	The Iwatsuki Seismic Zone as a Factor of the Great Tokyo Earthquake of 1923.	1929	Kanto	Geology		
14-38	-	S. Nakamura	Geological Structures around the Neo Fault.	1933	Nohbi (1891)	Geology	Substance of lec.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
14-39	M. Yoshii	On the Shizuoka Earthquake of 1935.	1936	Shizuoka (1935)	Gen.	Substance of lec.
14-40	H. Tsuya	Geology of Niijima, Izu.	1937	Niijima (1936)	Geology	Substance of lec.
14-41	R. Morimoto	Geology of the Leveling Line.	1950	Nankai	Geology	
14-42	J. Yangai	On the Mountain Landslide Resulting from the Earthquake around Imaichi-shi.	1950	Imaichi	Mt. Landslde.	
14-43	S. Eto	The Relationship between the Ground Cracks and the Damage Distribution in the Nohbi Plain.	1962	Nohbi (1891)	Grnd. Def.	
14-44	K. Nakamura	Relationship between the Dislocation of Awashima due to the Niigata Earthquake and that of the Geological Age.	1965	Niigata	Crst. Mvmt.	
14-45	T. Kakami	Stress-field around Awashima Inferred from the Cracks in the Ground.	1965	Niigata	Crst. Mvmt.	
14-46	A. Mogi	The Topography and Geology of the Sea Bottom in the North of Sado and the Sea Bottom Movement around Awashima due to the Niigata Earthquake.	1965	Niigata	Crst. Mvmt. Lecture	
14-47	E. Honza	The Geological Structure of the sea Bottom around Awashima.	1965	Niigata		

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
15-1	K. Inoue	On the Geology of Tokyo Area (Lecture).	1924	Kanto	Geology	Lecture
*15-2	C. Soyama	Symposium on the Damages done by the Recent Earthquake and the Emergency Measures taken on Various Engineering Works: The Tokyo Street Railway.	1924	Kanto	Damage	
*15-3	M. Kagayama	Symposium on the Damages done by the Recent Earthquake and the Emergency Measures taken on Various Engineering Works: Government Railways.	1924	Kanto	Publ. Dam.	
*15-4	O. Ogawa	Symposium on the Damages done by the Recent Earthquake and the Emergency Measures taken on Various Engineering Works: The Tokyo Water Works.	1924	Kanto	Publ. Dam.	
*15-5	K. Takeuchi	Symposium on the Damages done by the Recent Earthquake and the Emergency Measures taken on Various Engineering Works: Roads and Bridges in Tokyo.	1924	Kanto	Publ. Dam.	
*15-6	K. Aki	Damages Caused by the Recent Earthquake to the Yokohama Harbor and their Repairs.	1924	Kanto	Publ. Dam. Lecture	
15-7	Home Office	Report on Seismic Damage to Chimneys in Yokohama-shi.	1925	Kanto	Damage	
15-8	T. Nagakubo	Damage in the Sanriku District due to the Tsunami.	1933	Sanriku (1933)	Tsunami	
15-9	Ministry of Railways	General Survey of the Damage to Railways in Shizuoka and Districts.	1935	Shizuoka (1935)	Publ. Dam.	
15-10	T. Shimano	Report on the Earthquake Damage in Shimizu Port	1935	Shizuoka (1935)	Publ. Dam.	

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
15-11	Y. Nishi	Report on the Earthquake Damage in Shizuoka District. (Lecture).	1935 (1935)	Shizuoka	Gen.	Damage
15-12	S. Takai	Observation of the Earthquake Disaster in Akita-ken. (Lecture).	1939	Oga	Gen.	Damage
15-13	N. Matsumura	Observation of the Earthquake Disaster in Akita-ken. (Lecture).	1939	Oga	Gen.	Damage
*15-14		Reports on the Damages due to the "Hokuriku" Earthquake.	1948	Fukui	Damage	
15-15	Y. Mitsufuji	General Report on the Earthquake Disaster in Tochigi-ken.	1950	Imaichi	Damage	
*15-16	S. Okamoto	On the Failure of the Floor Boards of the Itaga Village Office due to the Tochigi Earthquake.	1951	Imaichi	Buil. Dam.	
15-17		General Survey of Damage by the Chilean Tsunami.	1960	Chilean	Tsu. Dam.	
*15-18	T. Iwasaki	The Tsunami Caused by the Chilean Earthquake in May, 1960 and an Outline of Disasters in the Northeastern Coast of Japan.	1960	Chilean	Tsu. Dam.	
15-19	T. Ohtami	Monument of Tsunami.	1961	Ansei	Tsunami	
*15-20	H. Matsuo	Damages Caused by the Hyuganada Earthquake.	1961	Hyuganada	Damage	
*15-21	K. Kato	Report on the Damages Caused by the Nagaoka Earthquake.	1961	Nagaoka	Damage	
15-22	Japan Soc. of Civil Engineers	The Kita-Mino Earthquake: An Excerpt from "Report on the Earthquake of Aug. 19, 1961"	1963	Kita-Mino	Gen.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
15-23	F. Kishinoue	The Kita-Mino Earthquake: An Excerpt from "Report on the Earthquake of Aug. 19, 1961".	1963	Kita-Mino	Gen.	
15-24	R. Watanabe	The Kita-Mino Earthquake: An Excerpt from "Report on the Earthquake of Aug. 19, 1961".	1963	Kita-Mino	Mt. Iwatsld.	
15-25	H. Yamashita	The Kita-Mino Earthquake: An Excerpt from "Report on the Earthquake of Aug. 19, 1961".	1963	Kita-Mino	Publ. Dam.	
15-26	K. Ikeda	The Kita-Mino Earthquake: An Excerpt from "Report on the Earthquake of Aug. 19, 1961".	1963	Kita-Mino	Publ. Dam.	
15-27	K. Kubo	The Kita-Mino Earthquake: An Excerpt from "Report on the Earthquake of Aug. 19, 1961".	1963	Kita-Mino	Publ. Dam.	
15-28	K. Ukai	The Kita-Mino Earthquake: An Excerpt from "Report on the Earthquake of Aug. 19, 1961".	1963	Kita-Mino	Publ. Dam.	
15-29	M. Takahata	The Kita-Mino Earthquake: An Excerpt from "Report on the Earthquake of Aug. 19, 1961".	1963	Kita-Mino	Publ. Dam.	
15-30	M. Nose	The Kita-Mino Earthquake: An Excerpt from "Report on the Earthquake of Aug. 19, 1961".	1963	Kita-Mino	Exp. Meas. Srvy. Rep.	
15-31	N. Yoshida	The Kita-Mino Earthquake: An Excerpt from "Report on the Earthquake of Aug. 19, 1961".	1963	Kita-Mino	Exp. Meas.	
15-32	E. Kuribayashi	The Kita-Mino Earthquake: An Excerpt from "Report on the Earthquake of Aug. 19, 1961".	1963	Kita-Mino	Exp. Meas.	
15-33	F. Kawakami	The Damage of Structures because of the North Miyagi Earthquake.	1963	Miyagikita	Publ. Dam.	
15-34		Round-table Discussion: The Niigata Earthquake.	1964	Niigata	Gen.	

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
15-35	K. Ono	Report on the Investigation of the Earthquake off Echizen-misaki.	1964	Echizen-misaki-oki	Gen.	
15-36	M. Hakuno	The Damage Caused by the Earthquake of the Oga Peninsula: Mainly, the Folder Dyke in Hachirogata.	1965	Oga-oki	Publ. Dam.	
*15-37	Japan Soc. of Civil Engineers	Earthquake and the Safety of a Train : Bring Train to Stop by the Train Crew at the time of the Niigata Earthquake (from enquête).	1965	Niigata		

16. Technical Data ON CIVIL ENGINEERING

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
16-1	M. Watari	The Mountain Landslide Resulting from the Kita-Mino Earthquake.	1961	Kita-Mino	Mt. Indsld.	
16-2	Y. Tada	Report on the Earthquake Damage in the Tohoku District.	1962	Miyagi-Kita	Damage	
16-3	Y. Tada	Report on the Earthquake Damage in the Tohoku District (Part 2).	1962	Miyagi-Kita	Damage	
16-4	Publ. Works Research Inst.	Prompt Report on the Niigata Earthquake.	1964	Niigata	Gen.	Publ. Dam.
16-5	M. Fukuoka	Impression of the Niigata Earthquake.	1964	Niigata	Gen.	
16-6	T. Ohkubo	Impressions of the Niigata Earthquake: Systematic Distribution of Seismographs.	1964	Niigata	Gen.	
16-7	I. Yoshida	Impression of the Niigata Earthquake.	1964	Niigata	Gen.	
16-8	T. Yoshimaka	Ground and Damage.	1964	Niigata	Grnd.	Damage
16-9	R. Okamoto	Impressions of the Niigata Earthquake.	1964	Niigata	Gen.	
16-10	E. Kuribayashi	Strong Seismic Motions, as Observed at the Bridge at the Occurrence of the Matsushiro Earthquake Swarm.	1966	Matsushiro	Others	

## 17. REPORT OF THE PUBLIC WORKS RESEARCH INSTITUTE, MINISTRY OF CONSTRUCTION

No.	Author	Title	Date	Earthquake	Classification	Notes
17-1	Publ. Works Research Inst., Min. of Const.	Report on the Seismic Disaster in the Hokuriku District due to the Fukui Earthquake, June 28, 1948.	1949	Fukui	Damage	
*17-2	T. Ohkubo	Report on the Damages and the Behavior of Public Works because of the Hyuganada Earthquake, Feb. 27, 1961.	1962	Hyuga-nada	Damage	
*17-3	M. Fukuoka	Report on the Niigata Earthquake (Part 1: General).	1965	Niigata	Gen.	
*17-4	A. Terajima	Report on the Niigata Earthquake (Part 2: The Relationship between the Earthquake and the Behavior of Ground Fluctuation).	1965	Niigata	Ground	
17-5	H. Kikkawa	Report on the Niigata Earthquake (Part 3: Damage to River Structures).	1965	Niigata	Publ. Dam.	
17-6	S. Ibusukiya	Report on the Niigata Earthquake (Part 4: Damages to Roads and Tunnels).	1965	Niigata	Publ. Dam.	
17-7	T. Takada	Report on the Niigata Earthquake (Part 5: Damage to Highway Bridges).	1965	Niigata	Publ. Dam.	
17-8	A. Sugiki	Report on the Niigata Earthquake (Part 6: Damage to Sewerage).	1965	Niigata	Publ. Dam.	

No.	Author	Title	Date	Earthquake	Classification	Notes
*18-1	S. Kunitomi	Note on the Destructive Earthquake of Middle Echigo that Occurred on Oct. 27, 1927.	1928			Exp. Meas. Cause
*18-2	S. Kunitomi	Note on the North Tango Earthquake of March 9, 1927.	1929	Tango	Gen.	
*18-3	S. Kunitomi	Seismometrical Study of the Great Kanto Earthquake which Occurred on Sept. 1, 1923.	1930	Kanto	Exp. Meas.	
*18-4	K. Hayata	Seismometrical Study of the Sagami Earthquake of July 26, 1928.	1931	Sagami	Exp. Meas.	
*18-5	S. Kunitomi	Notes on the North Izu Earthquake of Nov. 26, 1930.	1931	Izu	Gen.	
*18-6	S. Fujiwara	On the Mechanism of the North Izu Earthquake.	1932	Izu	Cause	
*18-7	Y. Oka	Note on the Lake Tazawa Earthquake of Jan. 9, 1931.	1932	Tazawa-ko	Gen.	
*18-8	K. Sgisaka	On the Motion of the Seismic Origin of the 1932 North Izu Earthquake.			Cause	
*18-9	K. Hayata	Note on the Destructive Earthquake of Hyuag-nada on Nov. 2, 1931.	1932	Hyuga-nada (1931)	Gen.	

19. ISEE EARTHQUAKE REPORT

No.	Author	Title	Date	Earthquake Classification	Notes
*19-1		The Niigata Earthquake, June 16, 1964, and the Resulting Damage to Reinforced Concrete Buildings.	1965	Niigata	Buil. Dam. Gen.
*19-2	Omote	The Niigata Earthquake.	1965	Niigata	Gen.
*19-3	Makahawa	Accelerograms Obtained by SMAC and DC Strong Motion Seismograph.	1965	Niigata	Exp. Meas.
*19-4	Nakagawa	The Extent of the Damage.	1965.	Niigata	Damage
*19-5	Kishida	Topography and Subsoil Condition of Niigata - shi.	1965	Niigata	Geology
*19-6	Omote	Measurement of Microtremors.	1965	Niigata	Ground
*19-7	Nakagawa	The Damage to Reinforced Concrete Buildings in Niigata - shi.	1965	Niigata	Buil. Dam.
*19-8	Kishida	Analytical Considerations on Damage to Reinforced Concrete Buildings with Special Reference to Foundation Engineering.	1965	Niigata	Buil. Dam.

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*20-1	K. Shiratori	Notes on the Destructive Earthquake in Sagami Bay on Sept. 1, 1923.	1925	Kanto	Gen.	
*20-2	A. Imamura	On the Seismic Activity in the Kanto District.	1928		Eqke. Act.	
*20-3	A. Imamura	On the Seismic Activity in Central Japan.	1928		Eqke. Act.	
*20-4	A. Imamura	On the Chronic and Acute Earth-tiltings in the Southern Part of Sikoku.	1930	Ansei	Tilt	
*20-5	A. Imamura	A Seismometric Study on the North Izu Earthquake of Nov. 26, 1930.	1931	Izu	Gen.	
20-6	A. Imamura	On the Block Movements that Preceded and Accompanied by the Severe Tokyo Earthquake of May 21, 1928 - Active Faults Across the City of Tokyo.	1931	Chiba	Crst. Mmt.	
*20-7	A. Imamura	On the Seiche of Lake Asino-ko with Special Reference to the N. Izu Earthquake of 1930.	1932	Izu	Seiche	
*20-8	Y. Kato	Seismic and Volcanic Activities and Changes in the Earth's Magnetic Field.	1933	Kanto	Cur. & Mag.	
*20-9	M. Ishimoto	Preliminary Note on the Tsunami of Mar. 2, 1933, (G.M.T.) and an Outline of the Investigations now being made concerning it at the Earthquake Research Institute.	1933	Sanriku (1933)	Tsunami	
*20-10	T. Matsuzawa	Horizontal Movement of Water in the Tsunami of March 3, 1933.	1933	Sanriku (1933)	Tsunami	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*20-11	A. Imamura	The Sanriku Tsunami of 1933.	1933	Sanriku (1933)	Tsunami	
*20-12	A. Imamura	Past Tsunamis of the Sanriku Coast.	1934	Sanriku (1933)	Tsunami	
*20-13	A. Imamura	Further Notes on the Northward Movement of Crustal Deformation along the Western Boundary of the Kanto Plain with Special Reference to the Block Movement responsible for the Disastrous Earthquake of Sept. 21, 1931.	1934	Nishi- Saitama	Crst. Mvmt.	
*20-14	Y. Kato	Seismic and Volcanic Activities and Changes in the Earth's Magnetic Field (The second paper).	1934	Nohbi (1891)	Cur. & Mag.	
*20-15	Y. Kato	Seismic and Volcanic Activities and Changes in the Earth's Magnetic Field (The third paper).	1935	Sanriku (1933)	Cur. & Mag.	
*20-16	T. Fukutomi	On Crustal Deformations in Southern Izu Peninsula.	1935	Izu Genroku		
*20-17	A. Imamura	On Past Seismic Activities in Japan.	1938			
*20-18	A. Imamura	On the Seismic Activity of the Mutsu-Dewa District in Early Times.	1939			

## 21. SCIENCE

No.	Author	Title	Date	Earthquake Classification	Notes
21-1	T. Ishikawa	Survey Report of the Kussharo District after the Kussharo Earthquake, May 29, 1938.	1938	Kussharo	Gen.
21-2	K. Honda	The Earthquake at the Eastern Part of Off-Fukushima-ken and the Aftershocks.	1938	Shioya-oki	Gen. Aftershock
21-3	S. Shimada	Damage to Rice Nurseries by the Oga Earthquake.	1939	Oga	Damage
21-4	G. Imamura	Report on the Nagano Earthquake of July 15, 1941 and the Change Observed at Tochimata Spa immediately before the Earthquake.	1941	Nagano	Grnd. Wtr.
21-5	K. Sassa	Tilt Movement of the Ground Preceding and Following the Tottori Earthquake.	1944	Tottori	Tilt
21-6	T. Nagata	Report on the Nankai Earthquake, Dec., 1946.	1947	Nankai	Gen.
21-7	N. Kurata	On the Earthquake Damage and the Earthquake Resistant Nature of the Soil.	1964	Niigata	Geology Dis. Prev.
21-8	I. Mogami	Quicksand Resulting from the Niigata Earthquake.	1965	Niigata	Ground

22. SCIENTIFIC YOMIURI

No.	Author	Title	Date	Earthquake	Classification	Notes
22-1		New Aspects of Disaster which we have Learned from the Niigata Earthquake.	1964	Niigata	Damage	
22-2		Search for the True Cause of the Niigata Earthquake: Air Search by "Yomiuri-go".	1964	Niigata	Others	
22-3	R. Morimoto	Geological Investigations on the Niigata Earthquake.	1964	Niigata	Geology	
22-4	N. Nasu	Geology at the Sea Bottom around the Hypocenter.	1964	Niigata	Geology	
22-5	K. Kasahara	On the Abnormal Gravity.	1964	Niigata	Gravity	
22-6	B. Kawamura	Crustal Movement at the Sea Bottom around Awashima.	1964	Niigata	Crst. Mvmt.	
22-7	S. Tanida	Fishing Industry around Awashima, the Hypocenter of the Niigata Earthquake.	1964	Niigata	Others	Damage
22-8		Outline of the Scientific Investigation on the Sea Bottom Related to the Niigata Earthquake.	1964	Niigata	Gen.	
22-9	Y. Koizumi	Restoration of the Damaged Architecture in Niigata-shi.	1964	Niigata	Gen.	

23. REPORT OF THE BUILDING RESEARCH INSTITUTE

No.	Author	Title	Date	Earthquake Classification	Notes
23-1		Building Damage Resulting from the Niigata Earthquake: Damage to the Reinforced Concrete Buildings in Niigata-shi.	1965	Niigata	Buil. Dam.
23-2	S. Omote	The Niigata Earthquake and the Movement of the Earth's Surface: Hypocenter, Time of Earthquakes Occurrence and Intensity.	1965	Niigata	Exp. Meas.
23-3	S. Omote	The Niigata Earthquake and the Movement of the Earth's Surface: Seismic Intensity Distribution.	1965	Niigata	Others
23-4	S. Omote	The Niigata Earthquake and the Movement of the Earth's Surface: Seismic Motion Observed in Niigata-shi.	1965	Niigata	Exp. Meas.
23-5	S. Omote	The Niigata Earthquake and the Movement of the Earth's Surface: Preliminary Tremors and Aftershocks.	1965	Niigata	Egke. Act.
23-6	S. Omote	The Niigata Earthquake and the Movement of the Earth's Surface: Comparision of the Niigata Earthquake with the Past Earthquakes	1965	Niigata	Gen.
23-7	S. Omote	The Niigata Earthquake and the Movement of the Earth's Surface: Crustal Movement Following the Earthquake.	1965	Niigata	Crst. Mvmt.
23-8	S. Omote	The Niigata Earthquake and the Movement of the Earth's Surface: Movement of the Earth's Surface Following the Earthquake.	1965	Niigata	Crst. Mvmt.
23-9	M. Murata	Geographical Features, Geology and the Ground in and around Niigata-shi: Geographical Features.	1965	Niigata	Geology

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
23-10	Y. Ohsaki	Geographical Features, Geology and Ground in and around Niigata-shi: Geology.	1965	Niigata	Geology	
23-11	Y. Ohsaki	Geographical Features, Geology and Ground in and around Niigata-shi: Ground.	1965	Niigata	Ground	
23-12	S. Omote	Geographical Features, Geology and the Ground in and around Niigata-shi: Usual Microtremor and the Predominant Frequency of the Ground.	1965	Niigata	Ground	
23-13	Y. Ohsaki	General Nature of Damage: Human Sufferings	1965	Niigata	Damage	
23-14	Y. Ohsaki	General Nature of Damage: Architectural Damage.	1965	Niigata	Buil. Dam.	
23-15	S. Omote	General Nature of Damage: Tsunami Damage.	1965	Niigata	Tsunmai	
23-16	S. Omote	General Nature of Damage: Rip on the Embankment and Submerged Areas.	1965	Niigata	Publ. Dam.	
23-17	K. Uemura	General Nature of Damage: Damage to Wooden Houses.	1965	Niigata	Buil. Dam.	
23-18	K. Kimura	General Nature of Damage: Damage to Buildings of Concrete-Block and other Special Structures.	1965	Niigata	Buil. Dam.	
23-19	M. Makino	General Nature of Damage: Damage to Public Housing.	1965	Niigata	Buil. Dam.	
23-20	K. Kawagoe	General Nature of Damage: The Occurrence and the Spread of the Fire.	1965	Niigata	Fire	
23-21	Y. Ohsaki	Damage to the Reinforced Concrete Buildings in and around Niigata-shi Method of Investigation	1965	Niigata	Buil. Dam.	

No.	Author	Title	Date	Earthquake	Classification	Notes
23-22	K. Nakano	Damage to Reinforced Concrete Buildings in and around Niigata-shi: Damage to the Major Buildings.	1965	Niigata	Buil. Dam.	
23-23	Y. Ohsaki	Damage to Reinforced Concrete Buildings in and around Niigata-shi: Damage Rate and Distribution.	1965	Niigata	Buil. Dam.	
23-24	Y. Ohsaki	Damage to Reinforced Concrete Buildings in and around Niigata-shi: Subsidence and Tilting of Buildings.	1965	Niigata	Buil. Dam.	Ground
23-25	M. Hirossawa	Damage to Reinforced Concrete Buildings in and around Niigata-shi: Structural Damage.	1965	Niigata	Buil. Dam.	
23-26	K. Uemura	Damage to Reinforced Concrete Buildings in and around Niigata-shi: Damage to Interior and Exterior Facade of the Buildings.	1965	Niigata	Buil. Dam.	
23-27	M. Hirossawa	Consideration on the Damage to Reinforced Concrete Buildings: The Relationship between Building Shape and Damage.	1965	Niigata	Buil. Dam.	
23-28	H. Kishida	Consideration on the Damage to Reinforced Concrete Buildings: the Relationship between Foundation Slab and Damage.	1965	Niigata	Buil. Dam.	
23-29	H. Kishida	Consideration on the Damage to Reinforced Concrete Buildings: The Relationship between Groundwork and Damage.	1965	Niigata	Buil. Dam.	
23-30	Y. Ohsaki	Consideration on the Damage to Reinforced Concrete Buildings: The Relationship between Characteristics of the Ground and Damage.	1965	Niigata	Buil. Dam.	

No.	Author	Title	Date	Earthquake	Classi- cation	Notes
23-31	Y. Koizumi	Consideration on the Damage to Reinforced Concrete Buildings: Ground Movement Resulting from the Earthquake.	1965	Niigata	Ground	
23-32	Y. Ohsaki	Consideration on the Damage to Reinforced Concrete Buildings: Damaged Area.	1965	Niigata	Damage	
23-33	K. Nakagawa	Consideration on the Damage to Reinforced Concrete Buildings: Response of the Buildings to the Earthquake.	1965	Niigata	Buil. Vib.	
23-34	T. Shinagawa	Consideration on the Damage to Reinforced Concrete Buildings: Tilting Progress of Buildings.	1965	Niigata	Buil. Dam.	
23-35	Y. Ohsaki	Consideration on the Damage to Reinforced Concrete Buildings: Coordinated Investigation of the Cause of the Damage.	1965	Niigata	Buil. Dam.	
23-36	T. Hisada	An Aspect of the Characteristic Damage to the Buildings in Niigata	1965	Niigata	Buil. Dam.	
23-37	T. Hisada	A Measure of the Restoration of Damaged Structures.	1965	Niigata	Buil. Dam.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
24-1		The Earthquake of Feb. 18, 1889.	1889	Kawasaki	Buil. Dam.	
24-2	T. Tanaka	Survey Report on the Areas Damaged by the Earthquake (by the Third Division Headquarters in Nagoya).	1892	Nohbi (1891)	Buil. Dam. Srvy. Rep.	
24-3	Z. Condoll	Influence of Recent Earthquake on Various Buildings.	1892	Nohbi (1891)	Buil. Dam.	
24-4		On the Earthquake in Gifu-ken, Japan.	1892	Nohbi (1891)	Gen.	
24-5		Seismic Wave Forms Observed during the Strong Earthquake on June 20, 1894.	1894	Tokyo	Exp. Meas.	
24-6		Report on the Preventive Measures of Damage to Brick Chimneys.	1894	Tokyo	Damage	
24-7		On the Strong Earthquake which Occurred at Night on Jan. 18, 1895.	1895	Tonegawa	Exp. Meas.	Damage
24-8		Earthquake Experiments and Measurements by the Department of Seismology.	1895	Tonegawa	Exp. Meas.	
24-9	Y. Tsukamoto	Suggestions on Earthquake Resistant Structures in view of the Seismic Damage Resulting from the Ryoh-U Earthquake.	1895	Shohnai	Damage	Aseis. Dam.
24-10	T. Nakamura	Survey Report on the Areas Damaged by the Shohnai Earthquake.	1895	Shohnai	Gen.	Reports of the I.E.I.E. in Jap. language (Part 3)
24-11	T. Sone	Survey Report on Housing Damaged by the Earthquake in Yamagata-ken.	1895	Shohnai	Buil. Dam.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
24-12	Imperial Eqke. Invest. Com.	Report on the Seismic Damage in Tokyo.	1895	Tokyo	Damage	
24-13		Schematic Representation of the Seismic Damage in Yamagata -ken.	1895	Shohnai	Damage	
24-14	M. Noguchi	Report on the Damage Resulting from the Shohnai Earthquake.	1896	Shohnai	Damage	
24-15	Y. Tsukamoto	Report on the Earthquake in Tokyo in January.	1896	Tonegawa	Gen.	
24-16		On the Seismic Damage by the Shohnai Earthquake.	1896	Shohnai	Damage	
24-17		On the Seismic Damage by the Shohnai Earthquake.	1896	Shohnai	Damage	
24-18	K. Ishii	Report on the Seismic Damage to Buildings in Iwate-ken and Akita-ken.	1896	Shohnai	Buil. Dam.	
24-19	T. Ito	On the Survey of Structures Damaged by the Sanriku Tsunami.	1896	Sanriku (1896)	Tsu. Dam.	
24-20	T. Nakamura	Survey Report on the Seismically Damaged Area in the Riku-U District.	1897	Shohnai	Gen.	
24-21	T. Sone	Report on Houses Damaged by the Earth- quake in Iwate-ken and Akita-ken.	1897	Shohnai	Buil. Dam.	
24-22	G. Takeda	Impression of the Seismic Damage in the Ohmi District.	1909	Ko-No	Gen.	
24-23	A. Imamura	On the Latest Earthquake in Ohmi.	1909	Ko-No	Gen.	
24-24	C. Kimura	Survey Report on the Areas Damaged by the Ko-No Earthquake.	1909	Ko-No	Gen.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
24-25	K. Yasuoka	A Part of the Survey Report on the Areas Damaged by the Ko-No Earthquake.	1909	Ko-No	Gen.	
24-26		Earthquake Disaster in Tokyo	1911	Tokyo-wan	Gen.	
24-27	S. Uchida	The Relationship between the Seismic Damage and the Structure of Buildings in Kagoshima-shi (Parts 1, 2, and 3).	1915	Sakurajima	Buil. Dam.	
24-28	S. Horikoshi	Report on the Seismic Disaster in Ohmachi and its Vicinity, Nagano-ken.	1919	Ohmachi	Buil. Dam.	
*24-29	D. Tanaka	A Memoir on the Damage done by the Earthquake in Kanagawa-ken on April 26, 1922.	1922	Uraga-kai	Damage	
*24-30	T. Naito	A Memoir on the Damage done by the Earthquake in Tokyo on April 26, 1922.	1922	Uragi-kai	Damage	
*24-31	A. Imamura	On the Last Earthquake.	1923	Kanto	Gen.	
*24-32	T. Naito	On the Vibration of Buildings.	1923	Uragi-kai	Buil. Vib.	
*24-33	K. Inoue	On the Geology and the Seismic Damage.	1923	Kanto	Geology	Damage
*24-34	S. Tanaka	On the Scene of the City after the Damage.	1923	Kanto	Fire	
*24-35	J. Yamashita	On the Seismic Damage of Steel Buildings, Brick Curtain Walls and Reinforced Concrete Construction.	1923	Kanto	Buil. Dam	
24-36		The Great Kanto Earthquake.	1923	Kanto	Gen.	
24-37		Buildings Damaged by the Fire Following the Great Kanto Earthquake.	1923	Kanto	Buil. Dam.	End of vol. 38.

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
24-38	T. Sekino	On the Calamities that the Old Temples and Shrines Experienced.	1924	Kanto	Buil. Dam.	
*24-39	K. Ozaki	Statistics of the Damage to Buildings Caused by the Earthquake and the Accompanying Fire.	1924	Kanto	Buil. Dam. Fire	
*24-40	D. Tanaka	Statistics of the Damage to Buildings in Yokohama.	1924	Kanto	Buil. Dam.	
*24-41	S. Matsui	Report on the Damage to Buildings under the Administration of the Ministry of Education.	1924	Kanto	Buil. Dam.	
*24-42	Y. Tsukamoto	On the Reclaimed Land and the Seismic Damage.	1924	Kanto	Ground	Damage
*24-43	K. Sato	On the Seismic Damage of the Brick Buildings.	1924	Kanto	Buil. Dam.	
*24-44	J. Takenaka	On the Factories and the Seismic Damage.	1924	Kanto	Damaged	
*24-45	G. Takagi	On the Factories and the Seismic Damage.	1924	Kanto	Damaged	
*24-46	M. Doi	On the Seismic Damage and Concrete.	1924	Kanto	Others	
*24-47	S. Yakushiji	On the Calamity of the Building.	1924	Kanto	Buil. Dam.	
*24-48	T. Naito	On the Calamity of the Steel-Framed Structures.	1924	Kanto	Buil. Dam.	
?4-49	Y. Okuma	On the Earthquakes and the Fires in Ansei and Taisho Eras.	1924	Ansei	Fire	Kantō
*24-50	K. Inoue	On the Great Fire in Tokyo.	1924	Kanto	Fire	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*24-51	G. Kitazawa	An Outline of the Damages Done by the Earthquake in Tokyo.	1924	Kanto		Damage
*24-52	S. Yakushiji	On the Seismic Damages of Military Buildings.	1924	Kanto	Buil. Dam.	
*24-53	K. Inoue	The Great Fire of Tokyo in 1923.	1924	Kanto	Fire	
*24-54	K. Nagasawa	The Seismic Damages of the Buildings in the Naval Explosives Factory in Hiratsuka.	1924	Kanto	Damage	
24-55	K. Miwa	On the Buildings of Yokosuka which Collapsed Because of the Great Earthquake in the Kanto District.	1924	Kanto	Buil. Dam.	
*24-56	S. Ohshima	A Report on the Earthquake and Fire Damage to Buildings belonging to the Ministry of Communication on Sept. 1, 1923.	1926	Kanto	Buil. Dam. Fire	
24-57	E. Ishii	On the Restoration Work of the Seismically Damaged Sites in Okutango by a Construction Battalion.	1927	Tango	Others	
24-58	Y. Nagata	Report on the Seismic Damage to Reinforced Concrete Buildings.	1927	Kanto	Buil. Dam.	
24-59	A. Imamura	The Great Tango Earthquake.	1927	Tango	Gen.	
24-60	Y. Nagata	Seismic Disaster in the Tango District.	1927	Tango	Damage	
24-61	K. Ozaki	Impressions about the Investigation of the Sites Damaged by the Earthquake,	1927	Tango	Buil. Dam.	
24-62	G. Kitazawa	Report on the Seismic Damage to Wooden Houses.	1927	Kanto	Buil. Dam.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
24-63	K. Ozaki	Damage to Various Structures by the Fire Following the Kanto Earthquake of 1923.	1927	Kanto	Fire	Buil. Dam.
*24-64	H. Yoshida	The Earthquake in the Hokuriku District on Oct. 17, 1930.	1930	Kaga-Minami Gen.	Srvy. Rep.	
24-65	H. Tanabe	On the Damages to Buildings in Zuso District due to the Earthquake of Nov. 26, 1930.	1931	Izu		Buil. Dam.
*24-66	T. Taniguchi	On the Damages to School Buildings in Zuso District due to the Earthquake.	1931	Izu		Buil. Dam.
*24-67	H. Tanabe	On the Damages to the Buildings in the Kita-Kanto District due to the Earthquake of Sept. 21, 1931.	1931	Nishi-		Buil. Dam.
24-68	T. Kan	A Statistical Study on the Structural Resistibility to Earthquakes of the Farm Houses in the Izu Region.	1933	Izu		Buil. Dam. Aseis. Dam.
24-69	M. Hamada	Investigative Research upon the Damages to Houses Caused by "Sanriku Tsunami (Destructive Sea Waves)" which Attacked the Sanriku District on March 3, 1933.	1933	Sanriku (1933)		Buil. Dam.
24-70	O. Miyaji	On the Damages to Buildings in the Shizuoka District due to the Earthquake of July 11, 1935.	1935	Shizuoka (1935)		Buil. Dam.
*24-71	K. Muto	On the Damages of Monolithic Bodies and the Damage Percentage of Dwelling Houses by the Shizuoka Earthquake, July 11, 1935.	1935	Shizuoka (1935)		Damage
24-72	T. Kohno	Report on the Damage to Buildings by the Oga Earthquake, May 1, 1939.	1939	Oga		Buil. Dam.

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
24-73	Arch. Inst. of Japan	Report on the Seismic Disaster Observed in Tottori-ken.	1944	Tottori		Damage
24-74	Arch. Inst. of Japan	Report on the Seismic Disaster Observed in the Hokuriku District.	1948	Fukui		Damage
24-75	Hokkaido University	Report on the Tokachi-oki Earthquake, Part 1: Hokkaido.	1952	Tokachi-oki	Damage	
24-76	Tohoku Univ.	Report on the Tokachi-oki Earthquake, Part 2: Tohoku District.	1952	Tokachi-oki	Gen.	
24-77	Y. Sakabe	Impressions and Experiences of the Fukui Earthquake.	1960	Fukui	Gen.	
24-78	T. Hirono	Report on the Chilean Earthquake.	1960	Chilean	Gen.	
24-79	H. Umemura	On the Chilean Earthquake.	1960	Chilean	Gen.	
24-80		Damage Resulting from the Chilean Earth- quake.	1960	Chilean	Tsunami Photograph book	
24-81		Report on the Damage by the Tsunami which Followed the Chilean Earthquake.	1960	Chilean	Tsu. Dam.	
24-82	Y. Ohsawa	Report on the Damage Resulting from the Nagaoka Earthquake.	1961	Nagaoka		
24-83	M. Fukushima	Report on the Damage Resulting from the Hyuga-nada Earthquake.	1961	Hyuga-nada	Damage	
24-84		Photographic Representation of the Damage Resulting from the Nagaoka Earthquake.	1961	Nagaoka	Damage	
24-85		Photographic Representation of the Damage Resulting from the Nagaoka Earthquake.	1961	Hyuga-nada	Damage	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*24-86	Tohoku Branch, Arch. Inst. of Japan	General Report on Earthquake Damage in North Places of Miyagi Prefecture.	1962	Miyagi-kita	Damage	Arch. Rep. of Tohoku Univ.
*24-87	E. Isomura	Facing the Niigata District.	1964	Niigata	Damages	
*24-88	M. Hamada	Niigata Earthquake and the Responsibility of the Architectural Institute of Japan.	1964	Niigata	Others	
*24-89	T. Hirono	Outline of the Niigata Earthquake.	1964	Niigata	Gen.	
*24-90	T. Shiota	Damages to Ordinary Buildings in the Tohoku Districts.	1964	Niigata	Buil. Dam.	
*24-91	Y. Ohsawa	Damages to Ordinary Buildings in the Niigata-ken.	1964	Niigata	Buil. Dam.	
*24-92	Y. Osaki	Damages to Reinforced Concrete Buildings and Unusual Behaviours of Subsoil.	1964	Niigata	Buil. Dam.	Ground
*24-93	H. Irisawa	Damages in the City of Niigata.	1964	Niigata	Damages	
*24-94		Photographs of the Niigata Earthquake Damages.	1964	Niigata	Damages	
24-95	H. Nagai	Considerations on the Architectural Execution on the Soft Ground based on the Findings through the Investigation on the Niigata Earthquake.	1964	Niigata	Aseis. Des.	Ground
24-96	Y. Ohsawa	Report on the Damage to Window Glass Reinforced Concrete Buildings by the Earthquake in Suruga Bay on Apr. 20, 1965.	1965	Shizuoka	Buil. Dam.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
25-1		The Earthquake which Kohchi Experienced in 1882.	1882	Kohchi	Gen.	
25-2		Report on the Disaster Resulting from the Kumamoto Earthquake.	1889	Kumamoto	Gen.	
25-3		On the Earthquake at Ohshima, Ohsumi-Nokuni.	1889	Ohsumi	Gen.	
25-4		On the Kumamoto Earthquake.	1890	Kumamoto	Gen.	
25-5		Record of the Earthquake in the Shin-etsu District on January 7, 1890.	1890	Saikawa	Gen.	
25-6		Report on the Earthquake in the Izu District on April 16, 1890.	1890	Kinugawa	Gen.	
25-7	C. Yuzawa	Report on the Earthquake that Occurred in Utsunomiya, Tochigi-ken in 1888.	1890	Utsunomiya	Egke Act. p. 678.	
25-8		Aftershocks of the Kumamoto Earthquake.	1891	Kumamoto	Aftershock	
25-9		General Survey of the Earthquakes.	1891		Gen.	1891 XI 7 1891 XI 17
25-10	Y. Wada	Discussion on Whether or not the Current Earthquake has Caused Tsunami.	1891	Nohbi (1891)	Tsunami	
25-11	N. Baba	Turbulence Observed on the Sea Following the Nohbi Earthquake.	1891	Nohbi (1891)	Tidal Chge.	
25-12	N. Maeda	Report on the Earthquake that Owari Experienced on Oct. 28, 1891 (Part 2).	1891	Nohbi (1891)	Gen.	
25-13	N. Maeda	Report on the Earthquake that Owari Experienced on Oct. 28, 1891.	1892	Nohbi (1891)	Gen.	

No.	Author	Title	Date	Earthquake Classification	Notes
25-14	Gifu Weather Station	The Earthquake of Oct. 28, 1891. Occurred in Nohbi.	1892	Nohbi (1891) Others	
25-15	J. Muneume	General Survey of the Nohbi Earthquake.	1892	Nohbi (1891)	Egke. Act.
25-16	R. Iguchi	On the Aftershocks of the Nohbi Earthquakes as Experienced in East Nohbi in Gifu-ken.	1894	Nohbi (1891)	Gen. Aftershocks
25-17	O. Asano	The Frequency of the Earthquake which Occurred in Nagoya.	1894	Nohbi (1891)	Aftershocks
25-18	O. Asano	The Frequency of the Earthquake which Occurred in Aichi.	1894	Nohbi (1891)	Aftershocks
25-19		The Strong Earthquake that the Kanto District Experienced on June 20, 1894.	1894	Tokyo	Gen.
25-20		On the Aftershocks of the Nohbi Earthquake.	1895	Nohbi (1891)	Aftershocks
25-21	N. Maeda	The Earthquake which Tadotsu Experienced.	1895	Setouchi	Gen.
25-22		The Tsunami which Occurred in Yaegama Islands Following the Meiwa Earthquake of 1771.	1896	Meiwa	Tsunami
25-23		The Sanriku Tsunami.	1896	Sanriku (1896)	Tsunami
25-24		We respectfully ask Dr. Kochibe for his valuable opinion and suggestions.	1896	Sanriku (1896)	Tsunami
25-25		Effect of the Tsunami in the Tohoku District.	1896	Sanriku (1896)	Tsunami

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
25-27		The Change of the Earth's Magnetism Preceding the Riku-U Earthquake.	1896	Riku-U	Cur. & Mag.	
25-28		Possible Influence of the Riku-U Earthquake.	1896	Riku-U	Cur. & Mag.	
25-29	F. Ohmori	Aftershocks of the Earthquake that Hokkaido Experienced on Mar. 22, 1894.	1898	Rushiro-oki Aftershock		
25-30	I. Ikegami	The Strong Earthquake which Occurred in the Rikuzen District.	1900	Rikuzen	Gen.	
25-31		Report on the Earthquake which Occurred in the Middle of the Island Sea.	1905	Gei-yo	Gen.	
25-32	N. Mizu	The Earthquake which Occurred in Tokyo Bay on Feb. 24, 1906.	1906	Tokyo-wan	Gen.	Srvy. Rep.
25-33		The Earthquake which Occurred in the Ohmi and Nobi Districts.	1909	Ko-No	Gen.	
25-34	I. Ikegami	On the Ohmi Earthquake.	1909	Ko-No	Gen.	
25-35		The Hyuga-nada Earthquake which Occurred in the Sea of Hyuga on June 15, 1911.	1909	Hyuga-nada	Gen. (1909)	
25-36	F. Ohmori	The Earthquake which Occurred in North Ryukyu on June 15, 1911.	1911	Kikai-ga- shima	Gen.	
25-37	D. Shibano	Seismic Motion of the Earthquake which Occurred around Amami-Ohshima.	1912	Kikai-ga- shima	Exp. Meas.	
25-38	F. Ohmori	The Earthquake which Occurred in Ueda at Night on Aug. 17, 1912.	1912	Ueda	Gen.	
25-39		Earthquakes which Occurred in and around Kagoshima on June 29 and 30, 1913.	1913	Kagoshima	Gen.	

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
25-40	Kagoshima Weather Station	Volcanic Eruption of Mt. Sakurajima.	1914	Sakurajima	Volcano	
25-41	K. Hasegawa	General Survey of the Earthquake in Akita-ken.	1914	Ugosen	Gen.	
25-42	F. Ohmori	Investigation of Hypocenters of the Sakurajima and the Akita Earthquakes.	1914	Sakurajima	Exp. Meas.	
25-43	M. Ishida	The Earthquake which Occurred in East Izumo.	1915	Izumo	Gen.	
25-44	T. Sasaki	The Earthquake which Occurred in Takada on Nov. 15, 1914.	1916	Takada	Gen.	
25-45	K. Hasegawa	Velocity of the Tsunami which Occurred Off Sanriku on Nov. 1, 1915.	1916	Ishinomaki-Tsunami oki		
25-46		The Earthquake which Occurred in Kobe and Its Vicinity on Nov. 26, 1916.	1917	Akashi	Gen.	
*25-47	K. Hasegawa	The Earthquake of Ensyu on May 18, 1917.	1917	Shizuoka (1917)	Gen.	
25-48		The Earthquake which Occurred in Enshu on May 18, 1917.	1917	Shizuoka (1917)	Gen.	
25-49	S. Nakamura	The Earthquake in and around Ohmachi. (Part 1).	1918	Ohmachi	Gen.	
25-50		The Tsunami that Port Futami in Chichijima Experienced on Nov. 8, 1918.	1918	Iturup-to- oki	Tsunami	
25-51	S. Nakamura	The Earthquake in and around Ohmachi. (Part 2).	1919	Ohmachi	Gen.	
25-52	S. Nakamura	The Earthquake in and around Ohmachi. (Part 3).	1919	Ohmachi	Gen.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
25-53	S. Nakamura	The Miyoshi Earthquake (Part 1).	1919	Miyoshi	Gen.	
25-54	S. Nakamura	The Miyoshi Earthquake (Part 2).	1920	Miyoshi	Gen.	
25-55	T. Ushiyama	The Earthquake of Small Destructive Power that Occurred in and around Imbanuma, Chiba-ken, on the Night of Dec. 8, 1921.	1922	Ryuungasaki	Gen.	
25-56	S. Nakamura	The Earthquake which Occurred in Tokyo District on April 26, 1922.	1922	Uragakai	Gen.	
*25-57	S. Nakamura	On the Earthquake in the Bay of Chijiwa.	1923	Shimabara	Gen.	
*25-58	S. Nakamura	On the Observation of the Great Earthquake.	1923	Kanto	Gen.	Others
- 25-59	H. Ogiwara	On the Great Earthquake Experienced in Yokohama.	1923	Kanto	Gen.	Damage
*25-60	R. Hirano	On the Great Earthquake and the Kumagai Observatory.	1923	Kanto	Others	
*25-61		The Great Catastrophe and the Central Meteorological Observatory.	1923	Kanto	Others	
25-62	Central Met. Observatory	Damage to the Forecast Department by the Earthquake and the Emergency Measures Taken.	1923	Kanto	Others	
25-63	Meteorological Dept., C.M.O.	Weather Conditions Observed at the Time of the Great Kanto Earthquake.	1923	Kanto	Others	
25-64	M. Kajima	The Forecast and Warning System Since the Great Kanto Earthquake.	1923	Kanto	Others	
*25-65	S. Fujiwara	Torsional Form on the Earth's Surface and the Great Earthquake of Sagami Bay.	1923	Kanto	Cause	

No.	Author	Title	Date	Earthquake	Classification	Notes
25-66	R. Hirano	An Investigation on the Aftershocks Observed in Kumagai Following the Great Kanto Earthquake of Sept. 1, 1923.	1924	Kanto	Aftershock	
*25-67	Chohshi Weather Station	The Tidal Abnormality Observed at Chohshi on the Day of the Great Earthquake.		Kanto	Tidal Chge.	
*25-68	H. Sakamoto	The Waterstand Abnormality of Lake Chuzenji on the Day of the Great Earthquake.	1924	Kanto	Seiche	
25-69	T. Hirano	On the Velocity of Propagation of the Preliminary Tremors of the Great Kanto Earthquake and the Area of its Hypocenter.	1924	Kanto	Exp. Meas.	
*25-70	S. Nakamura	Barometric and Tidal Effect on the Occurrence of the Earthquake in the Kanto District.	1924	Kanto	Statistics	
25-71	K. Wadachi	On the Mohorovicic Wave which Appeared during the Tajima Earthquake.	1925	Tajima	Exp. Meas.	
*25-72	K. Sagisaka	Note on the Earthquake which Occurred in the Bay of Tokyo on Aug. 3, 1926.	1926	Haneda	Exp. Meas.	
25-73	S. Kunitomi	The Kitatango Earthquake on Mar. 7, 1927.	1927	Tango	Gen.	
25-74	S. Kunitomi	Seismological Considerations on the Severe Kitatango Earthquake on Mar. 7.	1927	Tango	Exp. Meas.	
25-75	S. Kunitomi	Report on the Earthquake which Occurred in the Chuetsu Districts on Oct. 27, 1927 (from "The Bulletin of the Central Meteorological Observatory).	1928	Sekihara	Gen.	
25-76	K. Sagisaka	Energy of Aftershocks.	1928	Tango	Aftershock	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
25-77	K. Sagisaka	Report on the Earthquake which Occurred in Tokyo Bay on May 21, 1928 (with Supplement: Study on the Weather Preceding and Following the Earthquake) (from The Bulletin of the Central Meteorological Observatory).	1928	Chiba	Gen.	
25-78	S. Fujiwara	On the Cause of the Great Kanto Earthquake.	1929	Kanto	Cause	
25-79	K. Honda	On the Preliminary Tremor and the Weather Concerning the Kita-Izu and Ito Earthquakes (from the Bulletin of the Central Meteorological Observatory).	1931	Izu	Cause	
25-80	K. Takeda	On the Possible Fault at the Bottom of the Sagami Bay.	1932	Kanto	Fault	Bulletin of the C.M.O.
*25-81	K. Kurasige	On the Damage Caused by the Severe Earthquake in Shizuoka.	1936	Shizuoka (1935)	Damage	
*25-82	S. Fujiwara	On the Damage Caused by the Severe Earthquake.	1936	Shizuoka (1935)	Damage	
*25-83	T. Hirono	Oscillations of the Water in Tokyo Bay due to the Great Earthquake on Sept. 1, 1923.	1936	Kanto	Seiche	
25-84	T. Yosimatsu	On the Earth-current Change Accompanying the Remarkable Earthquakes which Occurred in "Niijima", Dec. 27, 1936 and "Nojimazaki", Oct. 26, 1936.	1937	Niijima (1936)	Cur. & Mag.	
25-85	T. Yosimatsu	Abnormal Change in Earth-current Potentials Accompanying the Earthquake which Occurred in the Kii-straits on Jan. 12, 1938.	1938	Tanabe-wan	Cur. & Mag.	

26. DISASTER PREVENTION RESEARCH INSTITUTE ANNUAL REPORT,  
KYOTO UNIVERSITY

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
*26-1	I. Ozawa	On the Observations of Crustal Strains due to the Chilean Tidal Wave.	1961	Chilean	Exp. & Cont.	Pitch
*26-2	Y. Tanaka	On the Ground Tilt and Strain Caused by the Chilean Tsunami.	1961	Chilean	Tilt	Exp. & Cont.
*26-3	S. Yoshikawa	On the Seismic Prospecting at the Area Damaged by the Niigata Earthquake.	1965	Niigata	Ground	
26-4	S. Yoshikawa	On the Exploration by use of Vibrator at the Area Damaged by the Niigata Earthquake.	1965	Niigata	Ground	
26-5	S. Yoshikawa	Aftershocks of the Niigata Earthquake, June 16, 1964.	1965	Niigata	Aftershock	
26-6	Y. Wakazono	Report on the Industrial Disaster due to the Niigata Earthquake.	1965	Niigata	Damage	Damage

27. NIIGATA APPLIED GEOLOGICAL RESEARCH REPORT

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
27-1		General Survey of the Niigata Earthquake.	1964	Niigata	Gen.	
27-2	S. Nishida	Ground Damage Resulting from the Niigata Earthquake.	1964	Niigata	Damage	Natural Gas
27-3	S. Momotake	Damage in the Niigata-ken due to the Niigata Earthquake.	1964	Niigata	Damage	
27-4	S. Momotake	Report on the Investigation of the Ground in and around Niigata-shi.	1964	Niigata	Ground	
27-5	K. Hasegawa	Seismic Records at the Observation Well for Subsidence during the Niigata Earthquake.	1964	Niigata	Grnd. Wtr.	
27-6	S. Iwanaga	Landslide Resulting from the Niigata Earthquake.	1964	Niigata	Landslide	
27-7	B. Takahashi	On the Outline of the Restoration Work for the Damaged Yamashita Industrial Water Supply Facilities with an Emphasis on the Underground Piping System.	1964	Niigata	Damage	

No.	Author	Title	Date	Earthquake	Classification	Notes
*28-1	S. Yoshiro	On the Damage to Concrete Block Buildings by the Teshikaga Earthquake.	1956	Teshikaga	Buil. Dam.	
*28-2	T. Shiga	On the Breaking Power of the Tidal Waves Caused by the Chilean Earthquake of 1960, Observed at Ohfunato and Rikuzentakada.	1961	Chilean	Tsunami	
*28-3	K. Kaneta	A Preliminary Survey and Observation of Damaged Buildings in Niigata-shi due to the Niigata Earthquake, June 16, 1964.	1964	Niigata	Buil. Dam.	
*28-4	T. Morii	The Damage of the Niigata J.N.R. Hospital Caused by the Niigata Earthquake and its Restoration Works.	1965	Niigata	Buil. Dam.	
*28-5	Y. Ohsawa	Report on the Damage to Window Glass in Reinforced Concrete Buildings during the Earthquake of April 20, 1965.	1966	Shizuoka	Buil. Dam.	
*28-6	M. Takeuchi	Fundamental Study of the Vibrational Condition of Tall Buildings in an Earthquake - Vibrational Response Analysis Regarding the Niigata Earthquake as a Continuous Shocking Force.	1965	Niigata	Buil. Vib.	
*28-7	Y. Yokoo	Relationship between the Earthquake Damages and the Ground Structure around Nagoya (Part 1).	1965	Nohbi (1891)	Ground	Damage
*28-8	T. Horiuchi	The Relationship between the Earthquake Damages and the Ground Structure around Nagoya (Part 2).	1965	Tohankai	Ground	Damage
*28-9	E. Kimura	Measurement of Earthquake Motion and Spectrum Analysis: Matsushiro Earthquake.	1966	Matsushiro	Exp. Meas.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*28-10	T. Tsunoda	Correlation between Natural Ground Vibration and the Earthquake at Matsushiro.	1966	Matsushiro	Ground	
28-11	T. Horiuchi	The Relationship between the Earthquake Damages and the Ground Structure around Nagoya (Part 5).	1966	Tohankai	Ground	Damage

29. TECHNICAL REPORT OF THE NATIONAL RESEARCH INSTITUTE OF  
AGRICULTURAL ENGINEERING

No.	Author	Title	Date	Earthquake	Classification	Notes
*29-1	T. Nakamura	Technical Report of the Agricultural Engineering Research Station, Ministry of Agriculture and Forestry (Report on the Niigata Earthquake).	1965	Niigata	Gen.	
29-2	R. Kaneko	Characteristic Aspects of the Earthquake Disaster to the Agricultural Land.	1965	Niigata	Damage	
29-3	H. Negishi	Investigation of the Disaster-stricken Area and Damage to the Paddy Fields by Soil Borings.	1965	Niigata	Damage	Ground
29-4	S. Nakagawa	Examples of Functional Damage to the Reservoirs and Drainpipes.	1965	Niigata	Publ. Dam.	
29-5	N. Tajino	Damages to the Agricultural Facilities and their Restoration.	1965	Niigata	Publ. Dam.	
29-6	N. Mitsushina	Damages to Structures for Agriculture and Geological Characteristics.	1965	Niigata	Publ. Dam.	Ground
29-7	S. Yamashita	Damage Observed in the Earth Dam.	1965	Niigata	Publ. Dam.	
29-8	N. Ohira	Effects of the Landslide on Agricultural Lands.	1965	Niigata	Landslide	

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
*30-1	A. Imamura	Analytic Investigation of the Great Kanto Earthquake.	1926	Kanto	Exp. Meas.	
*30-2	N. Yamasaki	The Faults of the Tango Earthquake of 1927.	1927	Tango	Fault	
*30-3	A. Imamura	On the Destructive Tango Earthquake of March 7, 1927: A Stereometrical Study of Seismic Origin.	1927	Tango	Exp. Meas.	
*30-4	B. Koto	The Tajima Earthquake of 1925.	1927	Tajima	Gen.	
*30-5	T. Terada	On the Vertical Displacement of the Sea Bottom in Sagami Bay Discovered after the Great Kanto Earthquake of 1923.	1927	Tajima	Gen.	
*30-6	T. Terada	On the Horizontal Displacement of the Primary Trigonometrical Points Discovered after the Kanto Earthquake.	1928	Kanto	Crst. Mvmt.	
*30-7	T. Terada	On the Geophysical Significance of the Crustal Movement Found after the Great Earthquake of 1923.	1928	Kanto	Crst. Mvmt.	
*30-8	A. Imamura	A Note on the Result of the Precise Leveling in the Littoral Region of Echigo and Sinano.	1928	Kamitakai	Crst. Mvmt.	Lev. & Tri. Sekihara
*30-9	A. Imamura	Supplementary Note on the Result of Precise Leveling in Echigo and Sinano.	1928	Kamitakai	Crst. Mvmt.	Lev. & Tri. Sekihara
*30-10	A. Imamura	On the Horizontal Shift of the Dislocations Accompanying the Recent Destructive Earthquakes in the Kanto District and in Tango Province.	1928	Kanto	Fault	Tango

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
					Tilt	Eqke. Sgn.
*30-11	A. Imamura	On the Tilttings of the Earth Preceding the Kanto Earthquake of 1923.	1928	Kanto		
*30-12	T. Terada	On the Horizontal Displacements of the Earth's Crust Produced by the Tango Earthquake.	1928	Tango	Crst. Mvmt.	
*30-13	T. Terada	The Relationship between the Horizontal Deformation and Postseismic Vertical Displacement of the Earth's Crust which Accompanied the Tango Earthquake.	1928	Tango	Crst. Mvmt.	
*30-14	T. Terada	Postseismic Slow Vertical Displacement of the Earth's Crust and Isostasy.	1928	Tango	Sub. & Upf.	
*30-15	T. Terada	Vertical Displacements of the Sea Bed off the Coast of the Tango Earthquake District.	1928	Tango	Sub. & Upf.	
*30-16	T. Terada	On a Characteristic Mode of Deformation of the Sea Bed.	1928	Kanto	Crst. Mvmt	Tango
*30-17	A. Imamura	On the Topographical Changes Preceding and Following the Anegawa Earthquake of 1909.	1928	Ko-No	Crst. Mvmt.	
*30-18	A. Imamura	On the Seismic Activity of Central Japan with Special Reference to the Cause of the Great Mino-Owari Earthquake of 1891.	1928	Nohbi (1891)	Eqke. Act.	
*30-19	N. Nasu	A Further Note on the Stereometrical Study of the Origins of the Great Tango Earthquake and its Aftershocks.	1928	Tango	Exp. Meas	Aftershock
*30-20	A. Imamura	A Further Note on the Seismic Activity of the Northern Part of Central Japan.	1928	Nohbi (1891)	Eqke. Act.	

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
*30-21	C. Tsuboi	On the Postseismic Block Movements in the Tango Earthquake District.	1928	Tango	Crst. Mvmt.	
*30-22	B. Koto	The Iwatsuki Seismic Zone as a Factor of the Great Tokyo Earthquake of 1923.	1929	Kanto	Geology	
30-23	N. Nasu	On the Crustal Block which Played an Important Part in the Destructive Tango Earthquake of 1927.	1929	Tango	Fault	
*30-24	T. Terada	The Deformation of the Earth's Crust and Topographical Features.	1929	Tango	Crst. Mvmt.	
*30-25	A. Imamura	On the Multiple Source Origins of the Great Kanto Earthquake of 1923 and its Relation to the Fault System Connected with the Earthquake.	1929	Kanto	Fault	Cause
30-26	A. Imamura	On the Pre-seismic Earth Tilting and the Seismic Mechanism of Occurrence of the Kii Earthquake of July 4, 1929.	1929	Nara-Minami	Cause	Egke. Sgns Tilt
*30-27	T. Terada	Crustal Disturbance in Kanto Districts.	1930	Kanto	Crst. Mvmt.	
*30-28	C. Tsuboi	A Characteristic Mode of Displacements of Triangulation Points in the Tango District after the Tango Earthquake of 1927.	1930	Tango	Crst. Mvmt.	
*30-29	A. Imamura	On Changes of Topography, both Chronic and Acute, in the Southern Part of Shikoku.	1930	Hoei	Crst. Mvmt.	Hakuho, Ansei
*30-30	H. Yabe	The Great Kanto Earthquake of Sept. 1, 1923, and the Geotectonics of the Meizoseismic Area.	1930	Kanto	Geology	
*30-31	A. Imamura	On the Recent Ito Earthquake.	1930	Ito	Gen.	

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
*30-32	C. Tsuboi	Geophysical Significance of the Areal Deformation of the Base Line Rhombus at Mitaka.				Crst. Mvmt.
30-33	Earthquake Research Institute	The Result of the Precise Leveling Carried out along the East Cost of the Province of Izu just prior to the Occurrence of the Recent Strong Izu Earthquake.	1930	Kanto		Lev. & Tri.
*30-34	N. Miyabe	On the Vertical Earth Movement in Kanto District.				Sub. & Uph.
*30-35	N. Miyabe	On the Relation between Horizontal and Vertical Movements of the Earth's Crust in the Kanto District.	1930	Kanto		Crst. Mvmt.
*30-36	A. Imamura	On the Block Movement Accompanying and Following the Great Kanto Earthquake of 1923.	1930	Kanto		Crst. Mvmt.
*30-37	A. Imamura	On the Recent Destructive Izu Earthquake of 1930.	1930	Izu	Gen.	
*30-38	A. Imamura	On the Block Movements that Preceded and Accompanied the Severe Tokyo Earthquake of May 21, 1928: Active Faults Across the City of Tokyo.	1931	Chiba		Crst. Mvmt.
*30-39	N. Miyabe	On Block Movements of the Earth's Crust.	1931	Kanto		Crst. Mvmt.
*30-40	C. Tsuboi	A Note on the Results of the Repeated Precise Levelings across the Ito Seismic Region.	1931	Izu		Crst. Mvmt. Lev. & Tri.
*30-41	C. Tsuboi	Supplementary Note on the Areal Deformation of the Base Line Rhombus at Mitaka.	1931	Kanto		Crst. Mvmt.

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
*30-42	C. Tsuboi	Independent Relative Vertical Movements of Land Blocks as Revealed by Means of Repeated Precise Levelings along the Western Coast of the Izu Peninsula.	1931	Izu	Sub. & Upb.	
*30-43	C. Tsuboi	On the Results of the Fifth Precise Levelings in the Tango Earthquake District.	1931	Tango	Crst. Mvmt.	Lev. & Tri.
*30-44	A. Imamura	On the Crustal Deformations that Preceded and Accompanied the Severe Haneda Earthquake of August 3, 1926.	1931	Haneda	Crst. Mvmt.	
*30-45	N. Miyabe	Post-Seismic Crustal Movements in Bohso Peninsula.	1931	Kanto	Crst. Mvmt.	
*30-46	A. Imamura	On the Northward Movement of Crustal Deformation along the Western Boundary of the Kanto Plain.	1931	Izu	Crst. Mvmt.	
*30-47	A. Imamura	On the Tsunami of N.E. Japan, of Mar. 2, 1933.	1933	Sanriku (1933)	Tsunami	
*30-48	C. Tsuboi	Vertical Crustal Displacement in the Seismic Region of Ito, on the East Coast of the Izu Peninsula.	1933	Ito	Sub. & Upb.	
*30-49	S. Nakamura	Anomalous Secular Variation of Magnetic Dip in the Epicentral Area of the Destructive Earthquake of Nov. 26, 1930.	1934	Izu	Cur. & Mag.	
*30-50	A. Imamura	Crustal Deformations Associated with the Dewa Earthquakes of 1804 and 1894 as Revealed in the Revisions of Precise Levels.	1935	Kisakata	Crst. Mvmt.	Shohnai
*30-51	A. Imamura	On Land Deformations Accompanied by the Nosiro Earthquakes of 1694 and 1704.	1936	Noshiro	Crst. Mvmt.	Hiei

No.	Author	Title	Date	Earthquake	Classification	Notes
*30-52	Y. Kato	Magnetic Disturbance in the Seismic Area of the Semi-destructive Shizuoka Earthquake of July 11, 1935.	1936	Shizuoka (1935)	Crst. Mvmt. Cur. & Mag.	
*30-53	T. Ogawa	On a Seismogenic Line in Kinki Provinces, Southwest Japan. (Part 1: Great Earthquake of the Northern Districts of Tango, 1927)	1939	Tango	Geology	
*30-54	A. Imamura	Crustal Deformations Associated with the Tsugaru Earthquakes of 1766 and 1793.	1937	Tsugaru	Crst. Mvmt. Ajikazawa	
*30-55	A. Imamura	Land Deformations and Seismic Activity in the Mutsu-Dewa District.	1939		Crst. Mvmt. Hoei, Tsugaru	
*30-56	A. Imamura	Later Crustal Deformations in the Tango District.	1940	Tango	Crst. Mvmt. Ajikazawa	
*30-57	A. Imamura	Land Deformations Associated with the Oga Earthquake of 1939.	1941	Oga	Crst. Mvmt. Oga (1810), et c.	
30-58	A. Imamura	Land Deformations as Revealed in the Revisions of Precise Levels Linking Nihori with Sendai.	1942	Shohnai	Crst. Mvmt.	
*30-59	A. Imamura	The Historical Hinai Earthquake, With Special Reference to the Time of its Occurrence as Presumed from the Presence of Certain Apparatus Unearthed from a Buried House.	1943	Ten-an	Gen.	
*30-60	A. Imamura	Land Deformations in the Southeastern Part of Tohoku.	1943	Hoei	Crst. Mvmt.	Ansei
*30-61	T. Nagata	Measurement of the Earth-Current in the Vicinity of the Sikano Fault.	1944	Tottori	Cur. & Mag.	

NO.	Author	Title	Date	Earthquake	Classi- fication	Notes
*30-62	A. Imamura	On the Great Mino Earthquake of 1833.	1944	Mino	Gen.	
*30-63	A. Imamura	Land Deformations Associated with the Recent Tohoku Earthquake.	1945	Tohankai	Crst. Mvmt.	
*30-64	A. Imamura	On the Great Depression Earthquakes of 701 in Tango and 1596 in Bungo.	1946	Tango	Sub. & Upn.	Bungo
*30-65	A. Imamura	Past Destructive Earthquakes Originated in the Depressed Region Lying between Wakasa and Ise Bays.	1947	Tango	Crst. Mvmt.	Ohmi, Ise
*30-66	A. Imamura	On the Great Tsukushi Earthquake of 679.	1947	Tsukushi	Gen.	Hyuganada, et al
*30-67	T. Yagi	On Land Deformations Associated with and Following the Great Zenkohji Earthquake of 1847.	1947	Zenkohji	Crst. Mvmt.	

31. ACADEMIC RESEARCH REPORT OF THE SAITO HO-ON KAI

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
31-1	S. Nakamura	Report on the Earthquake in Kizaki	1925	Tajima	Gen.	
31-2	S. Nakamura	Report on the Earthquake in Oku-Tango.				
31-3	R. Tayama	Geological Structure in the Area Shaken by the Tango Earthquake and the Tajima Earthquake, and Recent Geological History.	1928	Tajima	Geology	Tango
31-4	R. Aoki	Topography and Geology of the Kanto Tectonic Basin: Mainly, those of its Western Part.	1930	Kanto	Geology	
31-5	R. Tayama	Topography of the Bohso Peninsula: Mainly, Comaprision of the Erosion Surfaces.	1930	Kanto	Geology	
31-6	R. Tayama	Relationship between the Kita-Izu Earthquake of Nov. 26, 1930 and the Geological Structure	1931	Izu	Geology	
31-7	R. Tayama	The Oguni Earthquake of Nov. 4, 1931 and the Topography and Geology in the Area Shaken by the Earthquake.	1932	Oguni	Gen.	Geology

32. ANNUAL REPORT OF THE WORK OF THE SATTO HO-ON KAI

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
32-1	H. Yabe	Geological Considerations on the Great Kanto Earthquake of Sept. 1, 1923.	1925	Kanto	Geology	
32-2	H. Yabe	Geological Considerations on the Great Kanto Earthquake of Sept. 1, 1923 (Part 2).	1926	Kanto	Geology	
32-3	H. Yabe	Geological Considerations on the Great Kanto Earthquake of Sept. 1, 1923 (Part 3).	1928	Kanto	Geology	
32-4	H. Yabe	Geological Considerations on the Great Kanto Earthquake of Sept. 1, 1923 (Part 4).	1929	Kanto	Geology	
*32-5	Y. Kato	Magnetic Disturbances in the Volcanic and Seismic Regions.	1931	Izu	Cur. & Mag.	
*32-6	Y. Kato	The Electric Earth Potential Disturbance in the Area Shaken by the Earthquake of Nov. 26, 1930.	1931	Izu	Cur. & Mag.	
32-7	S. Nakamura	Earth's Magnetism Observed in the Area Shaken by the Kita-Izu Earthquake.	1932	Izu	Cur. & Mag.	
*32-8	S. Nakamura	Research on the Terrestrial Magnetism and the Earth's Potential Specially Referred to the Occurrence of Earthquakes and Volcanic Activity.	1934 (1933)	Sanriku	Cur. & Mag.	

33. SCIENTIFIC REPORT OF TOHOKU IMPERIAL UNIVERSITY

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*33-1	S. Nakamura	On the Earthquake of March 7, 1927 in Tango, Japan.	1929	Tango	Gen.	
*33-2	Y. Kato	Magnetic Disturbance in the Seismic Area of the Earthquake of Nov. 26, 1930.	1932	Izu	Cur. & Mag.	
*33-3	Y. Kato	Investigation of the Changes in the Earth's Magnetic Field Accompanying the Earthquakes or Volcanic Eruptions. 2nd Report: On the Strong Earthquake of May 29, 1938, which Occurred near Lake Kussharo-ko, Hokkaido.	1941	Kussharo	Cur. & Mag.	
*33-4	Y. Kato	Investigation of the Changes in the Earth's Magnetic Field Accompanying the Earthquakes or Volcanic Eruptions. 3rd Report: On the Strong Earthquake of Nov. 5, 1938 which Occurred in the Sea Bottom near Iwaki, Fukushima-ken.	1941	Sioyasaki-oki	Cur. & Mag.	
*33-5	Y. Kato	On the Changes of the Terrestrial Magnetic Field Accompanying the Great Nankaido Earthquake of 1946.	1949	Nankai	Cur. & Mag.	
*33-6	Y. Kato	On the Changes of the Earth-current and the Earth's Magnetic Field Accompanying the Fukui Earthquake.	1950	Fukui	Cur. & Mag.	
*33-7	Y. Kato	On the Changes of the Terrestrial Magnetic Field Accompanying the Tochigi (Imaichi) Earthquake of Dec. 26, 1949.	1950	Imaichi	Cur. & Mag.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*33-8	J. Suzuki	On the Tsunami in the Sanriku District Accompanying the Tokachi Earthquake, March 4, 1952.	1953	Tokachi-oki	Tsunami	
*33-9	J. Suzuki	On the Heights of the Tsunami of Mar. 4, 1952, in the District near Erimo-misaki.	1953	Tokachi-oki	Tsunami	
*33-10	Y. Kato	Report of the Tsunami in Shizugawa Harbor Accompanying the Tokachi Earthquake on March 4, 1952.	1954	Tokachi-oki	Tsunami	
*33-11	Y. Kato	On the Change of the Earth's Magnetic Field Accompanying the Tokachi Earthquake on March 4, 1952.	1953	Tokachi-oki	Cur. & Mag.	
*33-12	Y. Kato	The Chilean Tsunami of 1960 Observed along the Sanriku Coast of Japan.	1961	Chilean	Tsunami	

No.	Author	Title	Date	Earthquake	Classification	Notes
34-1	R. Tayama	Geomorphological and Geological Study on the Change of the Sea Bottom in Atsumi Wan.	1949	Kawachi	Geology	
*34-2	Minyo-maru, Toyo Kisen	A Ship's Report on the Tsunami due to the Tokachi-oki Earthquake.	1952	Tokachi-oki	Tsunami	
*34-3	First Regional Maritime Safety Headquarter	Damages at Kushiro Harbor due to the Tokachi-oki Earthquake.	1952	Tokachi-oki	Crst. Mvmt.	
34-4	S. Yamaguchi	On the Sea-Waves (Tsunami) on Nov. 5, 1952, 1953 following the Great Kamchatka Earthquake.		Kamchatka	Tsunami	
*34-5	A. Mogi	On the Depth Change at the Time of the Kanto Earthquake in Sagami Bay.	1959	Kanto	Crst. Mvmt.	
*34-6	Hydrography Department	Report on the Nankai Earthquake in 1946 (Tsunami).	1948	Nankai	Tsunami	
*34-7	R. Komukai	Report on the Nankai Earthquake in 1946 (Change of the Land Surface and Damage).	1948	Nankai	Damage	Grnd. Def.
*34-8	S. Chino	Report on the Nankai Earthquake in 1946 (Submarine Topography).	1948	Nankai	Geology	
*34-9	R. Nakayama	Report on the Mikawa Earthquake in 1945. (Change of the Sea-bottom in Mikawa Bay).	1948	Mikawa	Crst. Mvmt.	
34-10	M. Tamiya	On the Tsunami Resulting from the Tokachi-oki Earthquake.	1953	Tokachi-oki	Tsunami	

## 35. RAILWAY CIVIL ENGINEERING

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
35-1	Const. & Maint. Dept., J.N.R.	Report on the Seismic Damage by the Niigata Earthquake: Survey of Damage.	1964	Niigata	Damage	
35-2	K. Ohashi	Report on the Seismic Damage by the Niigata Earthquake: Damage to Bridge Structures.	1964	Niigata	Publ. Dam.	
35-3	T. Ikeda	Report on the Seismic Damage by the Niigata Earthquake: The Relationship between Ground Features and Damage.	1964	Niigata	Ground	Damage
35-4	K. Ikeda	Report on the Seismic Damage by the Niigata Earthquake: Damage to Structures.	1964	Niigata	Publ. Dam.	
35-5	G. Yamada	Report on the Seismic Damage by the Niigata Earthquake: Damage to Banking, Cutting and Tunnel.	1964	Niigata	Publ. Dam.	
35-6		Damage to the Railway by the Niigata Earthquake. Graphical Representation.	1964	Niigata	Damage	

36. RAILWAY TECHNICAL RESEARCH REPORT

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
36-1		Survey Report on the Niigata Earthquake.	1964	Niigata	Gen.	
36-2	T. Fujiwara	Occurrence and Magnitude of the Earthquake.	1964	Niigata	Exp. Meas.	
36-3	T. Matsunami	Seismic Damage.	1964	Niigata	Damage	
36-4	Y. Sato	Damage to Tramways.	1964	Niigata	Publ. Dam.	
36-5	Y. Saito	Damages to Public Structures and Foundations.	1964	Niigata	Publ. Dam.	
36-6	T. Matsunami	Damage to Bridge Structures.	1964	Niigata	Publ. Dam.	
36-7	Y. Komura	Damage to the Tunnel.	1964	Niigata	Publ. Dam.	
36-8	M. Ihara	Damage to Buildings.	1964	Niigata	Buil. Dam.	
36-9	T. Matsunami	Other Damages.	1964	Niigata	Damage	
36-10	T. Fujiwara	Observation of Earthquake.	1964	Niigata	Exp. Meas.	
36-11	Y. Saito	Quicksand.	1964	Niigata	Grnd. Def.	
36-12	Y. Tada	Damage due to the Niigata Earthquake and Its Instruction	1964	Niigata	Gen.	
36-13		Photographs of Damage.	1964	Niigata	Damage	

37. TECHNICAL NOTES OF THE RESEARCH INSTITUTE OF THE MINISTER'S  
 SECRETARIAT, MINISTRY OF RAILWAYS

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
37-1	F. Ohmori	Intensity of the Seismic Motion and Seismic Damage.	1922	Ryūhgasaki	Damage	
37-2		Report on General Survey of the Damage done by the Great Kanto Earthquake.	1923	Kanto	Publ. Dam.	
37-3	M. Suzuki	The Great Kanto Earthquake in 1923.	1923	Kanto	Gen.	
37-4	Superintendent Bureau	Pictures of the Earthquake Disaster to Local Railways and Tramways.	1924	Kanto	Publ. Dam.	
37-5	Res. Inst. of the Minister's Secretariat	Influence of the Great Kanto Earthquake on Artesian Wells.	1924	Kanto	Grnd. Wtr.	
37-6		Report on the Damage to Railways by the Earthquake around Toyooka and Kinotsaki.	1925	Tajima	Publ. Dam.	

38. GENERAL STUDIES ON THE TOHOKU DISTRICTS

No.	Author	Title	Date	Earthquake Classification	Notes
38-1	H. Watanabe	Characteristic Features of the Chilean Seismic Tsunami, Mar. 24, 1960: Sanriku Coast.	1960	Chilean	Tsunami
38-2	S. Unoki	Water Wave Motion Observed in the Sea around the Tohoku District.	1960	Chilean	Others
38-3	Y. Kato	The Chilean Earthquake Tsunami.	1960	Chilean	Tsunami
38-4	T. Iwasaki	General Survey of Damage to Public Structures due to Chilean Tsunami and Countermeasures against Tsunamis.	1960	Chilean	Publ. Dam.
38-5	H. Sugano	Damage to Hachinohe Harbor Structures by the Chilean Seismic Tsunami and its Countermeasures.	1960	Chilean	Publ. Dam.
38-6	N. Namise	Report on the Damage Resulting from the Chilean Seismic Tsunami (Part 1: Farm Lands).	1960	Chilean	Publ. Dam.
38-7	Y. Ito	The Chilean Seismic Tsunami and Wave Height in and around Miyako Bay.	1960	Chilean	Tsunami
38-8		The Chilean Seismic Tsunami and Historical Data of the Tohoku District.	1960	Chilean	Tsunami
38-9	N. Namise	Report on the Damage Resulting from the Chilean Seismic Tsunami (Part 2: Houses).	1960	Chilean	Tsunami
					Exam. of Historical Documents

39. ORIENTAL ARTS AND SCIENCES ("ARTS AND SCIENCES" for Vol. 39,  
No. 487 through Vol. 40, No. 504).

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					Gen.	Tenpyo - Ansei
39-1	S. Sekiya	History of the Great Earthquakes in the Nohbi District.	1891			
39-2		Damage Resulting from Earthquake Disaster.	1891	Nohbi (1891)	Damage	
39-3	B. Koto	Hypocenter of the Great Nohbi Earthquake.	1892	Nohbi (1891)	Fault	
39-4	S. Sekiya	The Cause of the Great Kumamoto Earthquake of 1889.	1892	Kumamoto	Cause	
39-5	A. Tanakadate	Change in the Iso-magnetic Diagram Following the Great Nohbi Earthquake.	1892	Nohbi (1891)	Cur. & Mag.	
39-6	Y. Hashiba	Note on the Dewa (Kisakata) Earthquake in 1804.	1892	Kisakata	Gen.	
39-7	F. Ohmori	The Earthquake on June 20, 1894 and the Aftershock.	1894	Tokyo	Gen.	Aftershock
39-8	F. Ohmori	Table Expressing the Seismic Damage to Tokyo.	1894	Tokyo	Damage	
39-9		Record of Strong Earthquake Motion.	1894	Tokyo	Exp. Meas.	
39-10	K. Ishii	The Hokkaido Earthquake and the Earthquake Resistant Buildings.	1894	Kushiro-oki Aseis. Des.	Damag	
39-11		Report on the Survey of Damage by the Tsunami.	1896	Sanriku (1896)	Tsunami	
39-12		The Tsunami and the Miyako Weather Station.	1896	Sanriku (1896)	Tsunami	
39-13		Fluctuation of the Earth's Magnetism Preceding and Following the Great Tsunami.	1896	Sanriku (1896)	Cur. & Mag.	

No.	Author	Title	Date	Earthquake	Classification	Notes
39-14		The Great Riku-U Earthquake.	1896	Riku-U	Gen.	
39-15	H. Iwasaki	Tombstones Overturned by the Earthquake.	1896	Riku-U	Others	
39-16		The Earthquake which Reoccurred in the Rikuchu Region.	1897	Rikuchu (1897)	Gen.	
39-17	F. Ohmori	On the Aftershock of the Great Nohbi Earthquake in 1891.	1900	Nohbi (1891)	Aftershock	
39-18	B. Koto	Earthquake in the Neo Fault.	1900	Nohbi (1891)	Fault	
39-19	F. Ohmori	Earthquake Damage to Chimneys.	1907	Tokyo	Damage	
39-20	F. Ohmori	The Edo Earthquake in 1855.	1907	Edo	Gen.	
39-21	F. Ohmori	On the Earthquake in the Ohmi District on Aug. 14, 1909.	1909	Ko-No	Gen.	
39-22	F. Ohmori	The Okinawa Earthquake, Aug. 29, 1909.	1909	Okinawa	Gen.	
39-23	F. Ohmori	The Aftershock of the Ko-No Earthquake, Aug. 14, 1909.	1909	Ko-No	Aftershock	
39-24	F. Ohmori	Propagation Velocity of the Ko-No Earthquake, Aug. 14, 1909.	1909	Ko-No	Exp. Meas.	
39-25	B. Koto	Geological Considerations on the Ko-No Earthquake.	1909	Ko-No	Geology	
39-26	F. Ohmori	The Strong Earthquake on Dec. 10, 1909.	1909	Hyuganada (1909)	Gen.	
39-27	Tadotsu Weather Station	Report on the Tadotsu (Hyuga-nada) Strong Earthquake.	1909	Hyuganada (1909)	Gen.	
39-28	Tadotsu Weather Station	Report on the Strong Earthquake.	1910	Hyuganada (1909)	Gen.	

No.	Author	title	Date	Earthquake	Classi- fication	Notes
39-29	F. Ohmori	The Zenkohji Earthquake in 1847.	1910	Zenkōji	Gen.	
39-30	F. Ohmori	Estimation of the Hypocenters of the Strong Sakurajima Earthquake and the Akita Earthquake.	1914	Sakurajima	Exp. Meas.	Ugosen
39-31	S. Uchida	Effect of Wooden Aseismic Structure at the Occurrence of the Earthquake in Akita-ken, 1914.	1914	Ugosen	Buil. Dam.	
39-32	Y. Aoumi	The Strong Earthquake which Occurred around Asama-yama.	1916	Asama-yama	Gen.	
39-33	F. Ohmori	The Severe Earthquake in Shizuoka-ken in the morning of May 18, 1917.	1917 (1917)	Shizuoka	Gen.	
39-34	F. Ohmori	On the Cause of the Shizuka Earthquake, May 18, 1917.	1917 (1917)	Shizuoka	Cause	
39-35	Hakodate Weather Station	The Earthquake which Occurred Off Erabujima, Hokkaido.	1918	Wrup-to-oki	Gen.	
39-36	F. Ohmori	The Strong Earthquake in and around Ohmachi: General Survey of the Ohmachi Earthquake.	1918	Ohmachi	Gen.	
39-37	F. Ohmori	On the Earthquake in and around Ohmachi, Shinshu.	1919	Ohmachi	Gen.	
39-38		The Tsunami which Occurred in Erabujima on Sept. 8, 1918.	1919	Wrup-to-oki	Tsu. Rep.	
39-39	F. Ohmori	On the Earthquake in and around Ohmachi, Shinshu (Part 2).	1919	Ohmachi	Gen.	Ohmachi (1714)
39-40	F. Ohmori	On the Earthquake which Occurred in Erabujima.	1919	Wrup-to-oki	Tsunami	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
39-41	F. Ohmori	Vertical Ground Movement Resulting from the Ohmachi Earthquake in 1918.	1921	Ohmachi	Sub. & Upb.	
39-42	F. Ohmori	The Strong Earthquake in Tokyo on the Night of Dec. 8, 1921.	1922	Ryuhgasaki	Gen.	
39-43	Hotta	Aftershock of the Strong Earthquake on the Night of Dec. 8, 1921.	1922	Ryugasaki	Aftershock	
39-44	F. Ohmori	Record of the Severe and Strong Earthquake in Tokyo by a Strong Seismograph.	1922	Tokyo	Exp. Meas.	Uraga-kai
39-45	F. Ohmori	On the Strong Earthquake on Apr. 26, 1922.	1922	Uraga-kai	Gen.	
39-46		Damage due to the Strong Earthquake in Hohjo, Awa on April 26, 1922.	1922	Uraga-kai	Damage	
39-47	F. Ohmori	Unzen-dake and Shimabara-machi.	1923	Shimabara	Volcano	
39-48	F. Ohmori	Volcanic Activity of Unzen-dake, Shimabara, Hizen.	1923	Shimabara	Volcano	
39-49		On the Earthquake which Occurred in and around Shimabara, Hizen.	1923	Shimabara	Gen.	
39-50	F. Ohmori	Hypocenter of the Earthquake which Occurred in Shimabara Peninsula, at 2:00 A.M. on Dec. 8, 1922.	1923	Shimabara	Exp. Meas.	
39-51	F. Ohmori	The Earthquake in the Shimabara Peninsula Hizen (Part 1).	1923	Shimabara	Gen.	
39-52	F. Ohmori	The Earthquake in the Shimabara Peninsula Hizen (Part 2).	1923	Shimabara	Gen.	
39-53		On the Strong Earthquake in and around Tanegashima, Kagoshima-ken.	1923	Tanegashima	Gen.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
39-54	S. Kunitomi	Geological Structures of Honshu and the Kita-Tajima Earthquake.	1925	Tajima	Geology	
39-55	S. Kunitomi	General Study on the Cause of the Kita- Tango Earthquake.	1927	Tango	Cause	
39-56	H. Fujimoto	Geology of the Izu Peninsula.	1930	Izu	Geology	
39-57	K. Watanabe	The Izu Earthquake: Facts Observed and Important Problems.	1930	Izu	Gen.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
40-1	K. Suda	General Survey of the Shimabara Earthquake (Part 1).	1923	Shimabara	Geology	
40-2	K. Suda	General Survey of the Shimabara Earthquake (Part 2).	1923	Shimabara	Exp. Meas. Cause	
40-3	K. Suda	The Sagami-nada (Kanto) Earthquake Observed at a Site Far From the Seismic Area.	1923	Kanto	Exp. Meas. Cause, Tsunami	
40-4	K. Suda	Survey Report on the Area Shaken by the Sagami-nada (Kanto) Earthquake (Part 1).	1923	Kanto	Srvy. Rep.	
40-5	K. Suda	Survey Report on the Area Shaken by the Sagami-nada (Kanto) Earthquake (Part 2).	1923	Kanto	Srvy. Rep.	
40-6	K. Suda	Survey Report on the Area Shaken by the Sagami-nada (Kanto) Earthquake (Part 3).	1923	Kanto	Srvy. Rep.	
40-7	K. Suda	Several Seismological Problems on the Sagami (Kanto) Earthquake (Part 1).	1924	Kanto	Gen. Cause, Crst. Mvm!	
40-8	K. Suda	Several Seismological Problems on the Sagami (Kanto) Earthquake (Part 2).	1924	Kanto	Gen. Grnd. Wtr.	
40-9	K. Taguchi	The Earthquake which Occurred in the South Kii Peninsula on Aug. 13, 1924.	1924	Kii	Gen.	
40-10	K. Suda	Report on the Kita-Tajima Earthquake.	1925	Tajima	Gen.	
40-11	K. Tanabashi	On the Earthquake in Middle Kii Peninsula on July 4, 1929 (Part 1).	1929	Nara-Minami	Cause Exp. Meas.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
40-12	K. Tanabashi	On the Earthquake in Middle Kii Peninsula on July 4, 1928 (Part 2).	1930	Nara-Minami	Gen.	
40-13	K. Tanabashi	The Earthquake in the Lower Region of the Aritagawa River, Wakayama-ken on Nov. 20, 1929.	1930	Aritagawa	Exp. Meas.	
40-14	H. Kawasaki	Survey Report of the Area Shaken by the Kita-Izu Earthquake.	1930	Izu	Srvy. Rep.	
40-15	K. Tanabashi	Report on the Kita-Izu Earthquake. (from the Bulletin of the Marine Meteorological Observatory).	1931	Izu	Gen.	
40-16	Y. Matsudaira	Report on the Nohbi Earthquake.	1933	Nohbi	Gen.	
40-17	K. Tanabashi	On the Earthquake which Occurred at Yura-machi, Kii, on July 29, 1933.	1934	Kiisuido	Gen.	
40-18	K. Tanabashi	Report on the Kawachi-Yamato Earthquake.	1936	Kawachi-Yamato	Gen.	
40-19	K. Tanabashi	Seismic Intensity of the Kawachi-Yamato Strong Earthquake, Estimated from the Overturning of Tombstones.	1936	Kawachi-Yamato	Others	
*40-20	H. Watanabe	The Propagation and Convergence of the Chilean Earthquake Tsunami of May 24, 1960.	1961	Chilean	Tsunami	

41. YAMAGATA ARCHITECTS NEWS - A SPECIAL EDITION ON THE  
DISASTER DUE TO THE NIIGATA EARTHQUAKE

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
41-1	S. Sakai	Damage in Tsuruoka Region by the Niigata Earthquake.	1964	Niigata	Damage	
41-2	T. Matsuhashi	Impression of the Spot Observation of the 1964 Disaster-Stricken Area by the Earthquake.	1964	Niigata	Buil. Dam.	
41-3	A. Sato	Damage Resulting from the Niigata Earthquake: Damage in Sakata and Yussa Regions.	1964	Niigata	Buil. Dam.	
41-4	S. Yahagi	Damage in the Yamagata Region by the Niigata Earthquake.	1964	Niigata	Buil. Dam.	
41-5	S. Sakai	Comparision of Damage due to the Niigata Earthquake with that due to the Ryo-U Earthquake.	1964	Niigata	Damage	
41-6	T. Jinbo	Report on the Disaster-Stricken Area in Sakata-shi.	1964	Niigata	Damage	

42. REPORT OF THE RESEARCH INSTITUTE OF UNDERGROUND RESOURCES,  
MINING COLLEGE, AKITA UNIVERSITY

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*42-1	H. Kano	Notes on the Earthquake Damages in Akita-shi due to the Niigata Earthquake with some Preliminary Geologic Remarks.	1965	Niigata	Damage	Geology
*42-2	A. Kutsuzawa	Notes on the Earthquake Damages in the Yuri Coastal Region in Akita-ken due to the Niigata Earthquake with some Preliminary Geologic Remarks.	1965	Niigata	Damage	

43. ANNALES DE GEOPHYSIQUE

No.	Author	Title	Date	Earthquake	Classifi-	Notes
43-1	A. Girlanda	The Hokkaido Earthquake of March 4, 1952.	1953	Tokachi-oki Gen.		

44. ANNUAL REPORT OF THE WORK, SAITO HO-ON KAI

No.	Author	Title	Date	Earthquake	Classifi-	Notes
*44-1	H. Yabe	The Great Kanto Earthquake of Sept. 1, 1923, Geologically Considered.	1926	Kanto	Geology	
*44-2	H. Yabe	The Great Kanto Earthquake of Sept. 1, 1923, Geologically Considered (The Second Preliminary Report).	1927	Kanto	Geology	

45. BULLETIN OF THE CENTRAL METEOROLOGICAL OBSERVATORY OF JAPAN

No.	Author	Title	Date	Earthquake	Classifi-	Notes
*45-1	K. Sano	On the Wave Produced by the Sudden Depression of a Small	1916	Sanriku	Tsunami	(1896)

## 46. BULLETIN OF THE GEOGRAPHICAL SURVEY INSTITUTE

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
*46-1	K. Muto	The Land deformation Accompanying the Fukui Earthquake of June 28, 1948.	1950	Fukui	Crst. Mvmt.	
*46-2	T. Okuda	On the Model of the Vertical Land Deformation Accompanying the Great Nankaido Earthquake, 1946.	1950	Nankai	Sub. & Upf.	
*46-3	E. Inoue	The Horizontal Displacements Accompanying the Great Kanto Earthquake, 1923.	1950	Kanto	Crst. Mvmt.	
*46-4	T. Okuda	On the Change of Local Geoid in the Southwestern Part of Japan.	1951	Nankai	Gravity	
*46-5	Geographical Survey Inst.	Re-survey of the Southwestern Part of Japan after the Great Nankaido Earthquake of 1946. Report No. 1: Results of the First-Order Triangulation.	1952	Nankai	Lev. & Tri.	

## 47. BULLETIN OF THE SEISMIC SOCIETY OF AMERICA

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
*47-1	E. Hodgson	The P-curve and the S-curve Resulting from a Study of the Tango Earthquake, Japan, March 7, 1927.	1932	Tango	Exp. Meas.	
*47-2	E. Hodgson	Epicentral Time and Surface Structure Determined for the Tango Earthquake, Japan, March 7, 1927.	1932	Tango	Exp. Meas.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
*48-1	R. Ikegami	On the Aftershocks of the Imaichi Earthquake Observed at Kanuma Station.	1953	Imaichi	Aftershock	

49. GEOPHYSICAL EXPLORATION

No.	Author	Title	Date	Earthquake	Classifi-	Notes
*49-1	S. Omote	The Relationship between Earthquake Damages and the Structures of the Earth-ground, which were Known by Seismic Prospecting at Nagoya.	1949	Tonankai	Ground	Damage

50. EARTH PHYSICS

No.	Author	Title	Date	Earthquake	Classifi-	Notes
fication						
50-1	K. Yoda	Magnetic Anomaly around Bisan in the Shimabara Peninsula.	1939	Shimabara	Cur. & Mag.	

51. EARTH SCIENCE

No.	Author	Title	Date	Earthquake	Classifi-	Notes
fication						
*51-1	Y. Takahisa	Photographs of the Niigata Earthquake. (at 13:02, June 16, 1964.)	1964	Niigata	Others	

52. THE GEOGRAPHY (OHTSUKA GEOGRAPHICAL SOCIETY)

No.	Author	Title	Date	Earthquake	Classifi-	Notes
fication						
52-1	Y. Ogasawara	Ground Deformation due to the Oga Earthquake.	1940	Oga	Grnd. Def.	

53. THE GEOGRAPHY (KOKIN SHOIN PRESS)

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
53-1	K. Watanabe	The Niigata Earthquake and its Damage.	1964	Niigata	Damage	
53-2	K. Watanabe	Supplement to Report on the Niigata Earthquake.	1964	Niigata	Damage	

54. THE GEOGRAPHICAL EDUCATION

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
54-1	M. Hirai	New Data on the Ansei Earthquake and a New Hypocenter Estimated from it.	1939	Ansei	Gen.	

55. BULLETIN OF THE GEOLOGICAL SURVEY OF JAPAN

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*55-1	K. Iida	Changes of Gravity Difference between Imaichi and Nikko owing to the Imaichi Earthquake.	1950	Imaichi	Gravity	
*55-2	M. Hayakawa	On the Tokachi-oki Earthquake of Mar. 4, 1953 Tokachi-oki Gen. 1952.				

56. REPORT OF THE IMPERIAL GEOLOGICAL SURVEY OF JAPAN

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
56-1	S. Nakamura	General Report on the Ko-No Earthquake.	1909	Ko-No	Gen.	
*56-2	T. Ogura	Report on the Seismic Regions of Kyoto-fu and Hyogo-ken.	1925	Tajima	Srvy. Rep.	
*56-3	K. Watanabe	The Tango Earthquake of 1927.	1928	Tango	Gen.	
*56-4	K. Ihara	The Earthquake of Northern Izu.	1932	Izu	Gen.	

57. GEOTECHNICS

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*57-1		Personal Experiences of the Chilean Earthquake Tsunami on May 23, 1960.	1962	Chilean	Tsunami	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
58-1	K. Sugai	Conjecture on the Niigata Earthquake.	1964	Niigata	Gen.	
58-2	M. Hayakawa	Sonic Prospecting near the Epicenter of the Niigata Earthquake.	1965	Niigata	Geology	Crst. Mvmt.
58-3	K. Sawamura	Study on the Areas Shaken by the Matsushiro Earthquake Swarm.	1967	Matsushiro	Gen.	
58-4	K. Aihara	Study on the Areas Shaken by the Matsushiro Earthquake Swarm: Behavior of Earthquake.	1967	Matsushiro	Gen.	
58-5	K. Seya	Study on the Areas Shaken by the Matsushiro Earthquake Swarm: Geophysical Prospecting.	1967	Matsushiro	Geology	Gravity
58-6	H. Nakamura	Study on the Areas Shaken by the Matsushiro Earthquake Swarm: Hot Springs and Landslide.	1967	Matsushiro	Grnd. Wtr. Landslide	
58-7	S. Ito	Study on the Areas Shaken by the Matsushiro Earthquake Swarm: Geo- chemical Prospecting.	1967	Matsushiro	Geology	
58-8	H. Takahashi	Study on the Areas Shaken by the Matsushiro Earthquake Swarm: Prospecting by Drilling and Surveying.	1967	Matsushiro		

59. MONTHLY SURVEY REPORT OF THE NIIGATA CITY COUNCIL

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
59-1		Photographs of the Niigata Earthquake.	1964	Niigata	Others	
59-2		Data on the Niigata Earthquake.	1964	Niigata	Others	

60. JOURNAL OF CENTRAL METEOROLOGICAL SOCIETY

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
*60-1	H. Watanabe	A Study of Tsunami in the Sanriku Coast (1st Report). On the Tsunami Caused by the Tokachi-oki Earthquake.	1953	Tokachi-oki Tsunami		

61. COASTAL ENGINEERING IN JAPAN

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
*61-1	T. Iwasaki	Tsunami Caused by the Chilean Earthquake in May, 1960 and...?	1960	Chilean	Tsunami	
*61-2	K. Horikawa	Some Additional Remarks on the Chilean Earthquake.	1960	Chilean	Tsunami	

62. COLLECTED PAPERS, DEPARTMENT OF CIVIL ENGINEERING,  
FACULTY OF ENGINEERING, UNIVERSITY OF TOKYO

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*62-1	T. Watanabe	Niigata Earthquake - Feature of the Damage and Related Problems.				

63. C.R. SÉANCES CONFERENCE GEN. ASS. GÉOD. INT.

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
63-1	M. Sugiyama	Subsidence and Upheaval of the Ground Due to the Great Nohbi Earthquake.	1904 (1891)	Nohbi (1891)	Sub. & Uph.	

64. JOURNAL OF THE INSTITUTE OF ELECTRICAL ENGINEERS OF JAPAN

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
64-1	M. Shibusawa	A Brief Description of the Damage to Electrical Installations by the Earthquake and the Emergency Measures Taken.	1923	Kanto	Damage	

65. CIRCULARS OF THE ELECTROTECHNICAL LABORATORY

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
65-1	T. Uchiyama	Report on the Damage to the Electrical Installations by the Kita-Tango Earthquake.	1927	Tango		Damage

66. THE RADIO WAVE JOURNAL

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
66-1	Shin-etsu Regional Radio Regulatory Bureaus	Report on the Niigata Earthquake.	1964	Niigata		Gen.
66-2	H. Tanike	Disaster and Radio Wave with a Special Emphasis on the Niigata Earthquake.	1964	Niigata	Damage	Others

67. THE ELECTRIC POWER

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
67-1	S. Tsutsumi	Accidents of the Power Cables Caused by the Niigata Earthquake, and their Instructions.	1965	Niigata		Damage

## 68. DISASTER PREVENTION RESEARCH INSTITUTE BULLETIN

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
68-1	M. Takada	On the Crustal Strain which Accompanied a Great Earthquake.	1959	Yoshino	Crst. Mvmt.	

## 69. CIVIL ENGINEERING

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
69-1		The Disaster Sites of the Region which was Damaged by the Niigata Earthquake (photograph).	1964	Niigata	Damage	
69-2	T. Ohkubo	Report on the Disaster Resulting from the Niigata Earthquake.	1964	Niigata	Damage	

70. TECHNICAL NOTES OF THE PUBLIC WORKS RESEARCH INSTITUTE

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
70-1	Public Works Research Inst., Ministry of Construction	Record of Strong Motion of the Matsushiro Earthquake (Part 1).		Matsushiro	Exp. Meas.	
70-2	Public Works Research Inst., Ministry of Construction	Record of the Strong Motion of the Matsushiro Earthquake (Part 2).	1966	Matsushiro	Exp. Meas.	

71. REPORT OF THE IMPERIAL CIVIL ENGINEERING TESTING INSTITUTE  
OF JAPAN

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
71-1	H. Matsuo	Report on the Sanriku Tsunami.	1933	Sanriku (1933)		Tsunami
71-2	H. Matsuo	Report on the Sanriku Tsunami (Part 2).	1934	Sanriku (1933)		Tsunami

72. BULLETIN OF THE IMPERIAL CIVIL ENGINEERING TESTING  
 INSTITUTE OF THE HOKKAIDO DEVELOPMENT BUREAU

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
72-1	Hokkaido Deve- lopment Bureau	Report on the Tokachi-oki Earthquake.	1952	Tokachi-oki		

73. RESEARCH NOTES ON COASTAL OCEAN TECHNOLOGY

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
73-1	H. Watanabe	The Generation Mechanism of the Tsunami Following the Niigata Earthquake: Source of the Tsunami.	1964	Niigata	Tsunami	

74. JOURNAL OF THE UNIVERSITY ALUMNI ASSOCIATION

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
74-1	H. Nagaoka	The Earthquake in Kumamoto.	1889	Kumamoto	Gen.	
74-2	B. Koto	The Cause of the Great Nohbi Earthquake.	1893	Nohbi (1891)	Cause	Fault

75. GERICANDS BEITRAGE ZUR GEOPHYSIK

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*75-1	B. Koto	The Tajima Earthquake of 1925.	1927	Tajima	Gen.	
*75-2	B. Koto	The Twin Earthquake of Tango in 1927.	1928	Tango	Gen.	

76. SCIENCE REPORT OF THE FACULTY OF LIBERAL ARTS AND EDUCATION,  
GIFU UNIVERSITY

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
76-1	I. Muramatu	The Relationship between the Earthquake Damages and the Quality of the Grounds, Particularly in Mino-Owari District.	1961	Nohbi (1891)	Ground	Damage Ko-No Tohnankai
*76-2	I. Muramatu	Distribution of the Seismic Intensity and Crustal Deformation in the Region Destroyed by the Great Nohbi Earthquake of Oct. 28, 1891.	1963	Nohbi (1891)	Crst. Mvmt. Others	
*76-3	I. Muramatu	Structure of the Midori Fault, a Part of the Neo Valley Fault in Central Japan.	1964	Nohbi (1891)	Fault	

## 77. GEOPHYSICAL BULLETIN OF THE HOKKAIDO UNIVERSITY

No.	Author	Title	Date	Earthquake	Classification	Notes
*77-1	T. Fukutomi	On the Maximum Accelerations of the Disastrous Off-Tokachi Earthquake (Mar. 4, 1952) as Estimated from the Overturning of Tombstones, and on Remarkable Cracks in the Strongly Shaken Area.	1953	Tokachi-oki Others	Grnd. Def.	
*77-2	M. Seino	Observation of Aftershocks which Accompanied the Teshikaga Earthquake by Means of a Seismograph of the Ishimoto type.	1960	Teshikaga	Aftershock	
*77-3	Hokkaido Univ. Group of Aftershock Observation	Observation of the Aftershocks of the Niigata Earthquake of June 16, 1964.	1966	Niigata	Aftershock	
78. MEMOIRS OF THE SAPPORO METEOROLOGICAL OBSERVATORY						
No.	Author	Title	Date	Earthquake	Classification	Notes
78-1	H. Saito	Report on the Tsunami Waves that Struck on the West Coast of Hokkaido.	1941	Shakotan	Tsunami	
78-2	T. Takamobu	Report on the Tsunami Waves that Struck on the Coast of Tesio, Hokkaido, on August 2, 1940.	1941	Shakotan	Tsunami	

## 79. SURVEY REPORT OF THE HOKURIKU METEOROLOGICAL OBSERVATORY

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
79-1	Niigata Dist. Met. Obser.	Report on the Earthquake at the Foot of Awadate-yama, Nakakubiki-gun, Niigata-ken.	1947	Niiqata- Nishi	Gen.	

## 80. JAPANESE JOURNAL OF GEOLOGY AND GEOGRAPHY

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
*80-1	T. Ogawa	On the Great Earthquake of Kanto in Central Japan, 1923.	1924	Kanto	Gen.	
*80-2	I. Komada	Geological Considerations of the Shimabara Earthquakes of Dec. 8, 1922.	1924	Shimabara	Geology	

## 81. JOURNAL OF THE FACULTY OF SCIENCE, IMPERIAL UNIVERSITY OF TOKYO

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
*81-1	H. Nagaoaka	The Disturbance of Isomagnetics Attending the Mino-Owari (Nohbi) Earthquake of 1891.	1892	Nohbi (1891)	Cur. & Mag.	
*81-2	B. Kotō	On the Cause of the Great Earthquake in Central Japan, 1891.	1893	Nohbi (1891)	Cause	
*81-3	S. Sekiya	The Diagram of the Semi-destructive Earthquake of June 20, 1894 (Tokyo).	1895	Tokyo	Exp. Meas.	

82. JOURNAL OF THE FACULTY OF SCIENCE,  
IMPERIAL UNIVERSITY OF TOKYO, SECTION II

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*82-1	N. Yamasaki	Physiographical Studies of the SouthEastern Part of Bohso Peninsula.	1925	Kanto	Geology	
*82-2	B. Koto	The Tajima Earthquake of 1925.	1926	Tajima	Gen.	
*82-3	N. Yamasaki	Physiographical Studies of the Great Earthquake of the Kanto District, 1923.	1926	Kanto	Gen.	Geology
*82-4	B. Koto	The Intersecting Twin Earthquake of the Tango Hinterland in 1927.	1926	Tango	Gen.	
*82-5	B. Koto	The Iwatsuki Seismic Zone as a Factor of the Habitual Tokyo Earthquake.	1929	Kanto	Geology	Tokyo
*82-6	N. Nasu	A Stereometrical Study of the Aftershocks of the Great Tango Earthquake with Special Reference to the Mechanism of their Occurrence.	1929	Tango	Aftershock	

83. JOURNAL OF GEOLOGY

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
83-1	F. Shepard	Depth Changes in Sagami Bay during the Great Japanese Earthquake.	1933	Kanto	Crst. Mvmt.	Grnd. Def.

## 84. JOURNAL OF PHYSICS OF THE EARTH

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*84-1	K. Hosoyama	Characteristic Tilt of the Ground that Preceded the Occurrence of the Strong Earthquake of March 7, 1952.	1952	Daishohji	Eqke. Sgns. Tilt	
*84-2	S. Miyamura	Geographical Distribution of Earthquake Damages with Special Reference to the Effects of Nankaido Earthquake, Dec. 21, 1964, in Kohchi-ken Shikoku, Japan.	1952	Nankai	Ground	
*84-3	K. Kasahara	Fault Origin Model of Earthquakes, with Special Reference to the Tango Earthquake, 1927.	1958	Tango	Cause	
*84-4	I. Muramatsu	Observation of Microearthquakes in the Mino District in Gifu-ken, Central Japan.	1964	Kita-Mino	Sml. Eqke.	
85. SCIENTIFIC ASAHI						
No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*85-1	K. Nakagawa	Quicksand brought Major Disaster for Niigata.	1964	Niigata	Others	Ground
85-2	T. Rikitake	The Matsushiro Earthquake Swarm.	1966	Matsushiro	Gen.	

## 86. OCEANOGRAPHY AND METEOROLOGY

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*86-1	K. Ozaki	The Unzen-dake Earthquake of Feb. 15, 1951 (1st Report).		1951	Shimabara Gen.	

## 87. MEMOIRS OF THE KAKIOKA EARTH MAGNETISM OBSERVATORY

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*87-1	T. Yoshimatu	Variations of Earth-Current Potentials Related to the Conspicuous Tottori Earthquake, Sept. 10, 2603 (1943).	1943	Tottori	Cur. & Mag.	
*87-2	K. Yanagihara	Abnormal Variations of the Earth's Current Accompanying the Bohso-oki Earthquake, Nov. 25, 1953.	1956	Bohso-oki	Cur. & Mag.	

## 88. STEAM POWER GENERATION

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
88-1	T. Koga	Damages to Steam Power Plants Resulting from the Niigata Earthquake, and their Countermeasures.	1964	Niigata	Damage	
88-2	S. Shimoda	Damages to the Steam Power Plant of Hokutsu Seishi, Ltd., Resulting from the Niigata Earthquake.	1965	Niigata	Damage	

## 89. ARCHITECTURE (A MONTHLY JOURNAL FOR ARCHITECTS AND DESIGNERS)

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
89-1	Earthquake Disaster Inves. Com. of Students at Waseda Univ.	Report on the Damage in Niigata-shi which is built on Sandy Ground.	1964	Niigata	Damage	

## 90. ARCHITECTURAL TECHNOLOGY NEWS

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
90-1	Dept. of Standardized Design, Constr. Bureau , Nippon Telegraph and Telephone Public Corporation	Report on the Niigata Earthquake Disaster.1964	1964	Niigata	Damage	

91. ARCHITECTURAL WORLD

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
91-1	J. Sakurai	Report on the Damages in Niigata-shi by the Niigata Earthquake.	1964	Niigata		Damage
91-2	Nihon Keizai Shimbun	Niigata has No Idea of How to Deal with Subsided Buildings.	1964	Niigata	Buil. Dam.	
91-3	T. Sakai	The Former River Region in Niigata-shi and the Seismic Damage to the Rigid Medium High Buildings.	1964	Niigata	Buil. Dam. Ground	
91-4	T. Sakai	The Former River Region in Niigata-shi and the Seismic Damage to the Rigid Medium High Buildings (Part 2).	1964	Niigata	Buil. Dam. Ground	
91-5	K. Ueno	The Abnormal Earthquake in Niigata. (Part 2).	1965	Niigata	Gen.	

92. MEMOIRS OF THE FIRST TECHNICAL RESEARCH INSTITUTE,  
BUREAU OF CONSTRUCTION, HOME OFFICE

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
92-1	The First Tech. Res. Inst., Dept. of Const.	Report on the Nankai Earthquake of December 21, 1946.	1948	Nankai	Gen.	

93. CONSTRUCTION ENGINEERS

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
93-1	Editorial Board of Sankaido	The Niigata Earthquake that Has Shaken Japan.	1964	Niigata	Others	
93-2		What did the Niigata Earthquake Teach Us? (A Round-Table Discussion).	1964	Niigata	Others	

94. THE METEOROLOGY

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
94-1	T. Miura	The OFF-Sanriku Earthquake of Mar. 21, 1960.	1960	Sanriku	Gen.	
94-2		The Tsunami due to the Chilean Earthquake which Struck Japan.	1960	Chilean	Tsunami	
94-3		Report on the Tsunami Disaster due to the Chilean Earthquake.	1960	Chile	Tsu. Dam • Photograph book.	
94-4	H. Nakahara	My Impression on the Chilean Earthquake Tsunami.	1960	Chilean	Tsunami	
94-5	M. Misaki	The Earthquake in North Miyagi-ken on April 30, 1962.	1962	Miyagi-Kita	Gen.	
94-6		The Earthquake which Struck Niigata.	1964	Niigata	Gen.	

## 95. TECHNICAL REPORT OF THE JAPAN METEOROLOGICAL AGENCY

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*95-1	Japan Met. Agency	The Report on the Tsunami of the Chilean Earthquake, 1960.	1961	Chilean	Tsunami	
*95-2	Japan Met. Agency	The Report on the Tsunami of the Chilean Earthquake, 1960.	1963	Chilean	Tsunami	
*95-3	Japan Met. Agency	The Report on the Niigata Earthquake, 1964.	1965	Niigata	Gen.	

## 96. METEOROLOGICAL REVIEW

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
96-1	S. Nakamura	On the Seismic Tsunami in Eubajima.	1918	Wrup-to-oki	Tsunami	

## 97. BULLETIN OF THE KOBE MARINE OBSERVATORY

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
97-1	K. Tanabashi	Report on the Kita-Izu Earthquake.	1931	Izu	Gen.	
97-2	J. Sugiura	A Supplement to the Report on the Tsunami of the Chilean Earthquake, 1960.	1965	Chilean	Tsunami	

## 98. MINERALOGY AND GEOLOGY

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
98-1	Z. Yoshizawa	General Report on the Nankaido Earthquake.	1947	Nankai	Gen.	
98-2	T. Sawamura	Impressions of the Nankai Earthquake.	1947	Nankai	Gen.	

## 99. RESEARCH REPORTS OF KOCHI UNIVERSITY, NATURAL SCIENCE

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*99-1	T. Sawamura	Crustal Movements by the Nankai Earthquake in 1946.	1951	Nankai	Crst. Mvmt.	

## 100. RESEARCH REPORTS OF KOCHI UNIVERSITY

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*100-1	T. Sawamura	The Relationship between the Activities of the Outer Earthquake Zone in Southwestern Japan and the Geological Structure and Crustal Movements of Shikoku and its Vicinity.	1953	Nankai	Eqke. Act. Crst. Mvmt.	Geology
*100-2	T. Sawamura	On the Nankai Thrust and the Distribution of Initial Motions of Seismic Waves by the Nankai Earthquake in 1946.	1954	Nankai	Eqke. Act. Crst. Mvmt.	Geology

101. INDUSTRIAL WATER

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
101-1	H. Nakamachi	The Niigata Earthquake and the Industrial Water Supply System.	1964	Niigata	Publ. Dam.	

102. JOURNAL OF THE GEOLOGICAL SURVEY INSTITUTE

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
102-1	M. Ohya	The Chilean Earthquake Tsunami and the Coastal Topography (Part 1).	1961	Chilean	Tsunami	Geology
102-2	M. Ohya	The Chilean Earthquake Tsunami and the Coastal Topography (Part 2).	1961	Chilean	Tsunami	Geology
102-3	M. Kobayashi	Report on the Niigata Earthquake: Seismic 1965 Damages and Ground Conditions.	1965	Niigata	Ground	Damage

103. PORTS AND HARBORS

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
103-1	S. Haruta	Damage to Niigata Port by the Niigata Earthquake.	1964	Niigata	Publ. Dam.	

## 104. TECHNICAL NOTES ON STRUCTURAL DESIGN

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
104-1	T. Ikeda	The Seismic Damages Caused by the Niigata Earthquake and Several Problems in the Current Aseismic Design.	1964	Niigata	Damage	Fire Prev.

## 105. JOURNAL OF THE SOCIETY OF HEATING, AIR-CONDITIONING AND SANITARY ENGINEERS OF JAPAN

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*105-1	The Niigata Earthquake Investigation Committee	Niigata Earthquake.	1964	Niigata	Damage	

## 106. KYODO NIIGATA

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
106-1		Summary of the Round-Table Talk on the Niigata Earthquake.	1964	Niigata	Others	

106-2	T. Namizumi	Damages to the Seha Spa by the Niigata Earthquake.	1964	Niigata	Grnd. Wtr.	Tsunami Grnd. Def.
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107. THE SCIENCE REPORTS OF THE FACULTY OF SCIENCE,  
KYUSHU UNIVERSITY

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
107-1	S. Taneda	The Chilean Tsunami in the Okinawa Islands.	1961	Chilean	Tsunami	

108. MONTHLY ECON

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
108-1		The Foundations of Structures and the Ground Condition: the Niigata Earthquake.	1964	Niigata	Ground	Buil. Dam.

109. REPORTS OF THE FACULTY OF SCIENCE AND TECHNOLOGY, MEIJO UNIVERSITY

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*109-1	M. Kohchi	The Damage Caused by the Niigata Earthquake and the Subsurface Geology of Niigata-shi.	1965	Niigata	Ground	Damage

## 110. MEMOIRS OF THE COLLEGE OF SCIENCE, KYOTO IMPERIAL UNIVERSITY; SERIES B

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*110-1	T. Ogawa	Notes on the Volcanic and Seismic Phenomena in the Volcanic District of Shimabara, with a Report on the Earthquake of Dec. 8, 1922.	1924	Shimabara	Geology	Gen.

## 111. MEMOIRS OF THE FACULTY OF ENGINEERING, HOKKAIDO UNIVERSITY

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*111-1	Y. Mizoguchi	On an Experiment of a "Tsunami".	1953	Tokachi-oki Tsunami		

## 112. MEMOIRS OF THE FACULTY OF ENGINEERING, NAGOYA UNIVERSITY

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*112-1	M. Ichihara	Studies on the Niigata Earthquake.	1965	Niigata		Gen.

## 113. MEMOIRS OF THE IMPERIAL MARINE OBSERVATORY, KOBE

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*113-1	K. Suda	On the Great Japanese Earthquake of Sept. 1, 1923.	1924	Kanto	Gen.	

## 114. MOKUZAI KOGYO (WOOD INDUSTRY)

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*114-1	H. Sugiyama	Niigata Earthquake and Wooden Buildings.	1964	Niigata	Buil. Dam.	
114-2	R. Yamai	Inquiry into the Wooden Building since the Niigata Earthquake.	1964	Niigata	Buil. Dam.	
*114-3	Mitsui Mokuzai Kohgyo Co., Ltd.	Laminated Wood and the Niigata Earthquake.	1964	Niigata	Damage	

## 115. MONTHLY REPORT OF AGRICULTURAL METEOROLOGY, NIIGATA PREFECTURE

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
115-1	Niigata Local Meteorological Observatory	The Niigata Earthquake and Tsunami.	1964	Niigata	Gen.	Tsunami

## 116. REPORT OF THE JAPAN SOCIETY OF SEISMOLOGY

No.	Author	Title	Date	Earthquake	Classification	Notes
116-1	J. Milne	The Japanese Earthquake of Feb., 1880.	1884	Yokohama (1880)	Gen.	

## 117. JOURNAL OF THE OCEANOGRAPHICAL SOCIETY OF JAPAN

No.	Author	Title	Date	Earthquake	Classification	Notes
117-1	K. Yoshida	On the Tsunami of Mar. 4, 1952.	1953	Tokachi-oki Tsunami		Geophysical Notes 6 (2) (1953)
117-2	H. Miyoshi	On the Chilean Earthquake Tsunami.	1960	Chilean	Tsunami	
117-3	H. Miyoshi	On the Chilean Earthquake Tsunami (Part 2)	1960	Chilean	Tsunami	
117-4	H. Miyoshi	On the Chilean Earthquake Tsunami (Part 3).	1961	Chilean	Tsunami	
117-5	H. Miyoshi	On the Chilean Earthquake Tsunami. (Part 4).	1961	Chilean	Tsunami	

## 118. RESEARCH REPORTS OF THE ARCHITECTURAL INSTITUTE OF JAPAN

No.	Author	Title	Date	Earthquake	Classification	Notes
118-1	Dept. of Architectural Engineering, Hokkaido University	Report on the Tokachi-oki Earthquake.	1952	Tokachi-oki	Gen.	

119. RESEARCH REPORTS OF TOHOKU BRANCH, ARCHITECTURAL INSTITUTE OF JAPAN

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
119-1	T. Shiga	On the Natural Periods of the Buildings Damaged by the Niigata Earthquake (in Tsuruoka).	1964	Niigata	Buil. Vib.	Buil. Dam.
119-2	T. Shiga	Study on the Seismic Damages and the Grounds in Sakata-shi and Tsuruoka-shi.	1964	Niigata	Ground	Damage

120. AGRICULTURAL TECHNOLOGY

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
120-1	R. Hashimoto	Agricultural Disasters Caused by the Niigata Earthquake.	1964	Niigata	Damage	

121. ANNUAL REPORT OF THE OSAKA WEATHER STATION ON EARTHQUAKES

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
121-1	F. Ohmori	Aftershocks of the Ko-No Earthquake.	1909	Ko-No	Aftershock	
121-2	F. Ohmori	The Propagation Velocity of the Ko-No Earthquake.	1909	Ko-No	Exp. Meas.	

## 122. ENGINEERING GEOLOGY

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
122-1	T. Ando	Geological Considerations on the Movement of the Shallow Stratum during the Niigata Earthquake: Study on Soft Ground by Swedish Sounding.	1965	Niigata	Geology	Substance of lecture
122-2	T. Aihara	Geological Considerations on the Movement of the Shallow Stratum during the Niigata Earthquake: Measurement of the Extremely Soft Ground.	1965	Niigata	Ground	Substance of lecture
122-3	T. Kanai	Geological Considerations on the Movement of the Shallow Stratum during the Niigata Earthquake: Study on the Quicksand Phenomenon in the Shallow Stratum due to Pore Water Pressure.	1965	Niigata	Ground	Substance of lecture
122-4	K. Tokyama	Ground and Seismic Damage in and around Niigata-shi.	1965	Niigata	Ground	Substance of lecture
122-5	G. Yamada	Damage to Railroad Structures by the Niigata Earthquake.	1965	Niigata	Publ. Dam.	Substance of lecture
123. PAPERS IN METEOROLOGY AND GEOPHYSICS						
No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*123-1	S. Suehiro	Aftershock Sequence of the Izu Earthquake of Aug., 1956 - An Example of Aftershock Observation by a Single Station.	1959	Izu	Aftershock	

## 124. PROCEEDINGS OF THE TOKYO MATHEMATICO-PHYSICAL SOCIETY

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
*124-1	F. Ohmori	Comparision of the Faults in the Three Earthquakes of Mino-Owari, Taiwan, and San Francisco.	1907	Nohbi (1891)	Fault	Formosa (1906) San Francisco (1906)
*124-2	F. Ohmori	Note on the Destructive Earthquake on the Shinano-gawa Valley and Those along the Japan Sea Coast.	1908	Zenkohji	Gen.	Echigo Uzen-Sado (1833)
125.	PUB. BUREAU CENTR. SEISM. INT. U.G.G.I. SER. A.					

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
*125-1	M. Matsuyama	Notes on the Nature of the Kanto Earthquake, Japan, Sept. 1, 1923.	1925	Kanto	Gen.	
126.	SAITO HO-ON KAI MUSEUM RESEARCH BULLETIN					

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
*126-1	S. Nomura	Catalogue of the Shell-bearing Mollusca Collected from the Kesen and Motoyoshi Districts, Northeast Honsyu, Japan, Immediately after the Sanriku Tsunami March 3, 1933, with the Descriptions of Five New Species.	1935	Sanriku (1933)	Others	

127. MONTHLY JOURNAL OF THE INSTITUTE OF INDUSTRIAL SCIENCE,  
UNIVERSITY OF TOKYO

No.	Author	Title	Date	Earthquake	Classification	Notes
127-1	T. Fukuda	Bridges and Earthquakes: Weak Points in their Foundations.	1949	Fukui	Publ. Dam.	
127-2	K. Kubo	Damages Observed in the Public Structures due to the Niigata Earthquake.	1964	Niigata	Publ. Dam.	
127-3	Y. Tsuboi	Characteristics of the Niigata Earthquake and Building Damages.	1964	Niigata	Buil. Dam.	
127-4	Institute of Industrial Sci., Univ. of Tokyo	On the Damages to Factory Facilities by the Niigata Earthquake.	1964	Niigata	Dis. Prev. Damage	
127-5	T. Maruyasu.	Aerophotographical Survey on the Effect of the Niigata Earthquake.	1964	Niigata	Others	
127-6	H. Sato	Analysis of the High Frequency Characteristics of Matsushiro Earthquake.	1966	Matsushiro	Exp. Meas.	

128. SEISMOLOGICAL JOURNAL OF JAPAN

No.	Author	Title	Date	Earthquake	Classification	Notes
*128-1	J. Milne	A Note on the Great Earthquake of Oct. 28, 1891.	1893	Nohbi (1891)	Gen.	
*128-2	J. Conder	An Architect's Notes on the Great Earthquake of Oct., 1891.	1893	Nohbi (1891)	Buil. Dam.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*129-1	A. Tsutsuura	A Mud Volcano (Hidaka-Shinzan) Changed by an Earthquake at Tokachi Sea Coast. - One type of Change in the Surface Followed by the Earthquake.	1952	Tokachi-oki Grnd.	Def.	Sub. & Upb.

130. REPORT OF THE TECHNICAL RESEARCH INSTITUTE,  
BUREAU OF WAR DISASTER RESTORATION

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
130-1		Report on the Seismic Damage Caused by the Nankaido Earthquake on Dec. 21, 1946.	1947	Nankai		Damage
130-2	I. Kamei	On the Tsunami and the Building Damages in Wakayama-ken.	1947	Nankai		Tsu. Dam.
130-3	S. Yokoi	Report on the Damages Caused by the Tsunami in Wakayama-ken.	1947	Nankai		Tsu. Dam.
130-4	K. Koida	Report on the Seismic Damage Observed in Okayama-ken and Kagawa-ken.	1947	Nankai		Damage
130-5	M. Hiroi	Report on the Seismic Damage in Kohchi-ken.	1947	Nankai		Damage

## 131. BULLETIN OF THE RESEARCH INSTITUTE OF NATIONAL RESOURCES

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*131-1	M. Ohya	The Relationship between Abnormal Tidal Waves "Tsunami" Caused by the Chilean Earthquake and the Topography of the Coasts of the Kii Peninsula in the Western Part of Japan.	1962	Chilean	Tsunami	Geology
132. SHIN KENCHIKU (NEW ARCHITECTURE)						

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
132-1	K. Takeyama	The Niigata Earthquake and Reconsideration of the Current Aseismic Design.	1964	Niigata	Buil. Dam.	Aseiis. Des.
132-2	Arch. Div., Invest. Photogaphs of Building Damage due to the Niigata Earthquake.	1964	Niigata	Buil. Dam.		
132-3	T. Shibata Waseda Univ.	Suggestions of the Niigata Earthquake: Weak Points of a New Industrial City.	1964	Niigata	Gen.	
133. NEW CITIES						

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
133-1	F. Tomoshima	The Niigata Earthquake and Sewerage.	1964	Chilean	Publ. Dam.	

134. THE NATURE

No.	Author	Title	Date	Earthquake	Classifi-	Notes
<u>Classification</u>						
134-1	H. Miyoshi	The Actual Condition of the Tsunami due to the Chilean Earthquake.	1960	Chilean	Tsunami	
134-2	R. Morimoto	One Year of the Matsushiro Earthquake Swarm.	1966	Matsushiro	Gen.	

135. WEATHER SERVICE BULLETIN

No.	Author	Title	Date	Earthquake	Classifi-	Notes
<u>Classification</u>						
135-1	H. Honda	The Earthquake Tsunami.	1933	Sanriku (1933)	Tsunami	

## 136. JOURNAL OF THE GEODETIC SOCIETY OF JAPAN

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*136-1	Geographical Survey Inst.	Results of Resurvey in the Southern Part of Hokkaido after the Great Earthquake of Tokachi-oki.	1956	Tokachi-oki	Lev. & Tri.	
*136-2	I. Tsubokawa	Crustal Movements before and after the Niigata Earthquake.	1964	Niigata	Crst. Mvmt.	
*136-3	K. Nakamura	Tilting and Uplifting of an Island, Awashima, near the Epicenter of the Niigata Earthquake of 1964.	1964	Niigata	Tilt	Sub. & Uph.
*136-4	A. Mogi	Submarine Crustal Movement due to the Niigata Earthquake in 1964, in the Environs of the Awashima Island, Japan Sea.	1964	Niigata	Crst. Mvmt.	
*136-5	S. Yamaguchi	On the Change in Heights of Mean Sea- Levels before and After the Great Niigata Earthquake on June 16, 1964.	1964	Niigata	Tidal Chge.	
*136-6	N. Fujita	The Magnetic Disturbances Accompanying the Niigata Earthquake.	1964	Niigata	Cur. & Mag.	
*136-7	T. Dambara	Vertical Movements of the Earth's Crust in Relation to the Matsushiro Earthquake.	1966	Matsushiro	Sub. & Uph.	

137. A MONTHLY JOURNAL OF SURVEYING

No.	Author	Title	Date	Earthquake Niigata	Classi- fication	Notes Damage
137-1	T. Nakano	The Relationship between the Soft Ground and the Seismic Damage: Lessons from the Niigata Earthquake.	1964	Niigata	Ground	
137-2	K. Kuroda	The Niigata Earthquake Disaster and its Geological Problems.	1964	Niigata	Geology	
137-3		The Research Project on Disaster Prevention for the City of Niigata.	1964	Niigata	Dis. Prev.	
137-4	H. Takeda	An Aerophotographical Survey of the Niigata Earthquake.	1964	Niigata	Others	
138. <u>SPECIAL CONTRIBUTIONS OF THE GEOPHYSICAL INSTITUTE, KYOTO UNIVERSITY</u>						
No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*138-1	H. Higuchi	On the Behavior of the Chilean Tsunami in the Seto Inland Sea.	1963	Chilean	Tsunami	

139. JOURNAL OF THE WATER WORKS ASSOCIATE

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
139-1	Y. Kaneko	An Emergency Measure for the Water Supply after the Niigata Earthquake.	1964	Niigata	Publ. Dam.	

140. THE HYDROGRAPHIC BULLETIN

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*140-1	Hydrographic Office	Information about the Earthquake Calamity of the Nankai District, 1946. (Ports and Harbors).	1947	Nankai	Publ. Dam.	

141. REPORT OF THE HYDROGRAPHIC RESEARCH

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
141-1	T. Matsuzaki	Change in the Earth's Magnetism due to the Niigata Earthquake.	1966	Niigata	Cur. & Mag.	

142. MEMOIRS OF THE IMPERIAL ACADEMY OF JAPAN

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
142-1	A. Imamura	Ancient Earthquakes in Japan: The Date of Occurrence Estimated from the Tool Found in the Buried Houses.	1943	Ten-an		Gen.
142-2	A. Imamura	On the Great Japanese Earthquakes in 701 and 1596, Particularly on the Land Subsidence.	1946	Tango		Gen. Bungo
142-3	S. Yagi	Land Deformation Following the Zenkōji Earthquake in 1847.	1947	Zenkōji	Cur. & Mag.	Gen.

143. BULLETIN OF THE ASTRONOMY AND GEOPHYSICS ( IN JAPANESE )

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
143-1	N. Miyabe	Report on the Investigation of the Seismic Tsunami in the Japan Sea on Aug. 2, 1940.	1941	Shakotan- oki	Tsunami	
143-2	S. Nakamura	The Oga Earthquake of May 1, 1939 and the Magnetic Abnormality Observed in and around the Epicenter.	1941	Oga	Cur. & Mag.	Gen.

144. PROMPT REPORT OF THE RAILWAY TECHNICAL RESEARCH INSTITUTE

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
144-1	G. Yamada	Investigation of the Damage to Land Fill Soil due to the Earthquake in North Miyagi-ken.	1962	Miyagi- Kita	Geology	

145. ANNALS OF THE TOHOKU GEOGRAPHICAL ASSOCIATION

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
145-1	H. Fukui	The Chilean Tsunami on the MidSouthern Part of the Sanriku Coast.	1960	Chilean	Tsunami	
145-2	E. Konno	Erosion and Sedimentation due to the Chilean Earthquake Tsunami Observed in Sanriku Coast.	1960	Chilean	Tsunami	
145-3	K. Tanabe	Prompt Report on the Disaster Resulting from the Niigata Earthquake.	1964	Niigata	Damage	
145-4	S. Nakamura	Some Phenomena Observed in the Landslide Zone due to the Niigata Earthquake.	1964	Niigata	Grnd. Wtr.	Grnd Def. Lndslde

146. THE ARCHITECTURAL REPORTS OF TOHOKU UNIVERSITY

No.	Author	Title	Date	Earthquake	Classifi-	Notes
*146-1	M. Yoshioka	Report on the Investigation of the Tokachi Earthquake.	1952	Tokachi-oki	Damage	
146-2	T. Shiga	On the Leakage from a Cylindrical Water Tank on the Ground due to the Miyagi-Kita Earthquake.	1963	Miyagi-Kita	Publ. Dam.	
146-3	M. Yoshioka	Damage to the Concrete Block Structures by the Miyagi-Kita Earthquake.	1963	Miyagi-Kita	Buil. Dam.	
146-4	T. Shiga	Natural Frequencies of the Buildings Damaged by the Miyagi-Kita Earthquake.	1963	Miyagi-Kita	Buil. Vib.	Buil. Dam.
146-5	T. Shiga	The Maximum Inundation Height at Ohfunato Ward in Ohfunato-shi Resulting from the Chilean Earthquake Tsunami.	1963	Chilean	Tsunami	

147. CONTRIBUTIONS FROM THE INSTITUTE OF GEOLOGY AND PALEONTOLOGY,  
TOHOKU UNIVERSITY

No.	Author	Title	Date	Earthquake	Classifi-	Notes
*147-1	E. Kon-no	Geological Observations of the Sanriku Coastal Region Damaged by the Tsunami due to the Chilean Earthquake in 1960.	1961	Chilean	Tsunami	Geology

148. MEMOIRS OF THE TOKYO INSTITUTE OF PHYSICS

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
148-1		Record of the Strong Motion Earthquake Observed on June 20, 1894.	1894	Tokyo		Exp. Meas.
148-2		The Great Earthquake in the Dewa District.	1894	Shohnai	Gen.	
148-3		Geomagnetism Change before and after the Great Tsunami.	1896			Cur. & Mag.
148-4		Geomagnetism Change Preceding the Riku-U Earthquake.	1896	Riku-U	Cur. & Mag.	Egke. Sgns.

149. TRANSACTIONS OF THE GEOGRAPHICAL SOCIETY OF TOKYO

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
149-1	T. Kochibe	Survey Report on the Earthquake Disaster in the Districts of Owari, Mino and Echizen.	1891	Nohbi (1891)	Srvy. Rep.	

150. TRANSACTIONS OF THE DEPARTMENT OF CIVIL ENGINEERING,  
FACULTY OF ENGINEERING, UNIVERSITY OF TOKYO

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
150-1	T. Wattanabe	Aseismic Effect of the Land Compacted by the Vibroflotation Method against the Niigata Earthquake.	1965	Niigata	Damage	Soil and Foundation 13 (2)

151. ANNUAL REPORT OF THE DEPARTMENT OF PHYSICS,  
FACULTY OF SCIENCE, UNIVERSITY OF TOKYO

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
151-1	K. Yoshida	Report of the Nankai Earthquake Tsunami (Part 1: Prompt Survey Report on Wakayama- ken and Tokushima-ken).		Nankai	Tsu. Rep.	
151-2	K. Yoshida	Report on the Nankai Earthquake Tsunami (Part 2: Prompt Survey Report on Kochi-ken and Tokushima-ken).		Nankai	Tsu. Rep.	
151-3	K. Hirao	Change in the Earth's Current Followed by the Nankai Earthquake.	1947	Nankai	Cur. & Mag.	
151-4	J. Suzuki	Aftershocks of the Nankai Earthquake (Part 1: Statistical Description of the Aftershocks).	1947	Nankai	Aftershock	
151-5	J. Suzuki	Aftershocks of the Nankai Earthquake (Part 2: Period of the Earthquake Motion).	1947	Nankai	Aftershock	
151-6	S. Asada	Aftershocks of the Nankai Earthquake (Part 3: Analysis of the Earthquake Motion).	1948	Nankai	Aftershock	
151-7	T. Asada	On Microearthquakes Followed by After- shocks of the Fukui Earthquake.	1949	Fukui	Sml. Eqke.	Aftershock

## 152. TRANSACTIONS OF THE AMERICAN GEOPHYSICAL UNION

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*152-1	T. Nagata	Summary of the Geophysical Investigations on the Great Earthquake in Southwestern Japan on Dec. 21, 1946.	1950	Nankai	Gen.	
*152-2	E. Nishimura	On the Tilting Motion of Ground Observed before and after the Occurrence of an Earthquake.	1953	Daishohji	Tilt	

## 153. TRANSACTIONS OF THE ASIATIC SOCIETY OF JAPAN

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
153-1	I. Hattori	Destructive Earthquakes in Japan	1878		Eqke. Act.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*154-1	J. Milne	The Earthquake in Japan of Feb. 22, 1880.	1880	Yokohama (1880)	Gen.	
*154-2	T. Dan	Notes on the Earthquake at Atami, in the Province of Izu on Sept. 29, 1882.	1883	Atami	Gen.	Sept. 29.
*154-3	S. Sekiya	The Severe Japan Earthquake of January 15, 1887.	1887	Yokohama	Gen.	Damage
*154-4	N. Ohtsuka	The Kumamoto Earthquake of July 28, 1890.	1890	Kumamoto	Gen.	

155. SOIL MECHANICS AND FOUNDATION ENGINEERING

No.	Author	Title	Date	Earthquake	Classification	Notes
155-1	T. Mogami	Soil Engineering Problems Posed by the Niigata Earthquake.	1964	Niigata	Dis. Prev.	
155-2	Y. Ohsaki	Prompt Report on the Niigata Earthquake.	1964	Niigata	Gen.	
155-3	H. Kano	The Relationship between the Earthquake Damage in Akita-shi and the Soft Ground.	1964	Niigata	Damage	Ground
155-4	S. Kodera	Effect of the Earthquake Damage on the Ground and to the Foundation of Bridges.	1964	Niigata	Publ. Dam.	Ground
155-5	Y. Koizumi	Changes in Sand Density Resulting from the Niigata Earthquake.	1965	Niigata	Others	
155-6	H. Hokugo	Movement of the Pedestal Pile under Construction during the Niigata Earthquake.	1965	Niigata	Others	
155-7	M. Ichihara	Measurements of the Tensile Stresses of the Tie Rods and the Earth Pressure at the Yama-no-shita Quaywall before and after the Niigata Earthquake.	1966	Niigata	Others	
155-8	K. Takase	Damage to the Earthen Dam by the Niigata Earthquake.	1966	Niigata	Publ. Dam.	

156. SPECIAL ISSUE OF THE ARCHITECTURAL ASSOCIATION OF WASEDA UNIVERSITY  
 (published in the 13th year of the Taisho era)

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
156-1	T. Naito	Report on the Earthquake Disaster and Fire: Rigid Frame Structures and the Damage.	1924	Kanto	Buil.	Dam.
156-2	S. Okada	Report on the Earthquake Disaster and the Fire: The Disaster of Japanese-style Architecture.	1924	Kanto	Buil.	Dam.
156-3	K. Ozaki	Report on the Earthquake Disaster and Fire: Aseismicity and Fireproofing of Concrete Block Structures.	1924	Kanto	Buil.	Dam. Fire
156-4	Dept. of Architecture, Waseda Univ.	Report on the Earthquake Disaster and Fire: General Statement.	1924	Kanto	Fire	Damage

157. BULLETIN OF THE YAMAGATA UNIVERSITY, NATURAL SCIENCE

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
*157-1	K. Haraguchi	Quicksand Action Caused by the Niigata Earthquake in Sakata-shi, Yamagata-ken.	1964	Niigata	Grnd.	Def.

No.	Author	Title	Date	Earthquake	Classification	Notes
<u>REPORT ON THE KO-NO EARTHQUAKE, Gifu Weather Station</u>						
A-1	A. Imamura	On the Recent Earthquake in the Ohmi District.	1910	Ko-No	Gen.	
A-2	F. Ohmori	On the Earthquake in the Ohmi District on August 14, 1909.	1910	Ko-No	Gen.	
A-3	B. Koto	Geological Investigation of the Ko-No Earthquake.	1910	Ko-No	Geology	
A-4	F. Ohmori	Propagation Velocity of the Ko-No Earthquake on August 14, 1909.	1910	Ko-No	Exp. Meas.	
A-5	T. Ogawa	Geological Investigation of the Ko-No Earthquake.	1910	Ko-No	Geology	
A-6	S. Nakamura	Geological Consideration on the Ko-No Earthquake.	1910	Ko-No	Geology	Report of I.G.S.J. 15 (1909)
A-7	F. Ohmori	Aftershocks of the Ko-No Earthquake, Aug. 14, 1909.	1910	Ko-No	Aftershock	
A-8	T. Sano	Architectural Considerations of the Ko-No Earthquake.	1910	Ko-No	Buil. Dam.	
A-9	C. Kimura	Inspection Report on the Sites Damaged by the Ko-No Earthquake.	1910	Ko-No	Gen.	
A-10	T. Kochibe	Geological Considerations of the Ko-No Earthquake.	1910	Ko-No	Geology	from the Gifu Daily News
A-11	K. Yasuoka	Survey Report on the Sites Damaged by the Ko-No Earthquake: Damage of Aseismic Houses.	1910	Ko-No	Buil. Dam.	from Manchho

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
<u>REPORTS ON THE GREAT TAISHO EARTHQUAKE AND FIRE, Kaizo-sha</u>						
A-12	A. Imamura	General Statement on the Great Kanto Earthquake and the Aftershocks.	1924	Kanto	Aftershock Eqke. & Fire	pp. 3 - 14.
A-13	S. Nakamura	Cause and Effect of the Great Kanto Earthquake.	1924	Kanto	Gen.	Eqke. & Fire pp. 15 - 23.
A-14	K. Inoue	Geological Considerations of the Great Kanto Earthquake.	1924	Kanto	Crst. Mvmt. Eqke. & Fire	pp. 24 - 27.
A-15		The Earthquake of Jan. 15, 1923, and the Disaster.	1924	Kanto	Damage	Eqke. & Fire pp. 89 - 90
A-16	H. Nagata	Disaster in Tokyo-shi.	1924	Kanto	Damage	Disaster pp. 3 - 13.
A-17	K. Watanabe	The Damage Observed in Yokohama-shi.	1924	Kanto	Damage	Disaster pp. 14 - 15.
A-18	K. Nishizaka	Seismic Disaster in Yokohama-shi and Kanagawa-ken.	1924	Kanto	Damage	Disaster pp. 16 - 22.
A-19	Y. Tsurumi	Railroads and Seismic Disaster.	1924	Kanto	Publ. Dam.	Disaster pp. 31 - 38.
A-20	M. Kabashima	Damage to Bridges and Future Construction.	1924	Kanto	Publ. Dam.	Disaster pp. 39 - 48.
A-21	C. Ito	Damage to Specially Protected Structures.	1924	Kanto	Buil. Dam.	Disaster pp. 120-123.
A-22	T. Nakagawa	Seismic Damage to Shrines and Temples in the Shohnan District.	1924	Kanto	Buil. Dam.	Disaster pp. 124-133
A-23		Damage to Fishery Harbors and Fishing Places.	1924	Kanto	Damage	Disaster pp. 139.

NO.	Author	Title	Date	Earthquake	Classi- fication	Notes
A-24	S. Uchida	Aseismic and Fireproof Buildings.	1924	Kanto	Buil.	Dam. Eqke. & Fire pp. 3 - 44.

REPORTS ON THE GREAT TAISHO EARTHQUAKE DISASTER IN TOKYO, Tokyo-fu

A-25	A. Imamura	The Great Kanto Earthquake of 1923.	1925	Kanto	Gen.	
A-26	S. Nakamura	The Great Kanto Earthquake of 1923.	1925	Kanto	Gen.	
A-27	S. Fujiwara	Weather Conditions during the Kanto Earthquake of 1923.	1925	Kanto	Others	
A-28	S. Nakamura	The Taisho (Kanto) Great Earthquake and the Fire.	1925	Kanto	Fire	
A-29	T. Sano	The Great Earthquake Disaster and Buildings.	1925	Kanto	Buil.	Fire
A-30	K. Inoue	Ground Deformation Caused by the Earthquake.	1925	Kanto	Grnd.	Def.
A-31	A. Imamura	The Historical Earthquake which Hit Tokyo.	1925	Kanto	Gen.	

REPORTS ON THE KITA-TAJIMA EARTHQUAKE DISASTER, Hyogo-ken

A-32	Kobe Weather Station, Marine Observatory	Report on the Kita - Tajima Earthquake, May 23, 1925.	1926	Tajima	Gen.	Saito Ho-on Kai Bull.
A-33	S. Nakamura	Report on the Investigation of the Earthquake in Kizaki.	1926	Tajima	Gen.	

No.	Author	Title	Date	Earthquake	Classification	Notes
A-34	A. Imamura	Observation of the Great Tajima Earthquake.	1926	Tajima	Exp. Meas. Geography Vol. 1	
A-35	N. Yamasaki	Hypocenter of the Tajima Earthquake.	1926	Tajima	Geology	Geography Vol. 1
A-36	N. Yamasaki	The Tajima Earthquake and the Condition in the Meteorological Observatory.	1926	Tajima	Others	
A-37	N. Ishikawa	Survey Report on the Area Shaken by the Kita-Tajima Earthquake.	1926	Tajima	Srvy. Rep.	
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REPORTS ON THE IZU-SHOHNAN EARTHQUAKE OF NOV. 26, 1930, Kanagawa Weather Station						
A-38	T. Shiga	General Report on Observations of the Earthquake.	1931	Izu	Exp. Meas.	
A-39	T. Kawana	Survey Report on the Seismic Damage in Hakone Region.	1931	Izu	Srvy. Rep. Damage	
A-40	T. Takagi	Survey Report on the District Damaged by the Earthquake.	1931	Izu	Srvy. Rep.	
A-41	T. Shiga	Survey Report on Hakone and Mishima which were Damaged by the Izu-Shohnan Earthquake.	1931	Izu	Srvy. Rep.	
A-42	T. Shiga	Survey Report on the District Damaged by the Earthquake.	1931	Izu	Srvy. Rep.	
A-43	T. Takagi	Survey Report on the Seismically Damaged District around Mt. Hakone.	1931	Izu	Srvy. Rep.	
A-44	H. Nishimura	Observation Report on the Lightning Phenomenon during the Izu-Shohnan Earthquake.	1931	Izu	Lightning	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
A-45	T. Kawana	Survey Report on the Damage in the District around the Somma of Mt. Hakone by the Izu-Shohnan Earthquake.	1931	Izu	Srvy. Rep.	
A-46	T. Takagi	Change in Elevation of Water Surface in Lake Ashinoko.	1931	Izu	Seiche	
A-47	Kanagawa-ken	Report on Housing Damage due to the Izu-Shohnan Earthquake.	1931	Izu	Buil. Dam.	
A-48	T. Takagi	General Statement on the Izu Earthquake.	1931	Izu	Gen.	
A-49	T. Takagi	It was Possible to Forecast the Izu Earthquake.	1931	Izu	Others	
GENERAL REPORT ON THE STRONG OFF-SANRIKU EARTHQUAKE AND THE FOLLOWING TSUNAMI, Central Meteorological Observatory						
A-50	S. Kunitomi	General Survey of the Off-Sanriku Earthquake, Mar. 3, 1933 and the Following Tsunami.	1933	Sanriku (1933)	Gen.	Tsunami
A-51	K. Sagisaka	Measurement of the Strong Off-Sanriku Earthquake.	1933	Sanriku (1933)	Exp. Meas.	
A-52	T. Ishikawa	Distribution of Seismic Intensities of the Off-Sanriku Earthquake.	1933	Sanriku (1933)	Others	
A-53	T. Ishikawa	Off-Sanriku Tsunamis of the Past and the Preliminary Tremors prior to the Present Strong Earthquake.	1933	Sanriku (1933)	Gen.	Tsunami Foreshock
A-54	Seismological Dept., C.M.O.	Report on the Damage Resulting from the Sanriku Tsunami.	1933	Sanriku (1933)		Tsunami

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
A-55	K. Sekiguchi	Survey Report on the Tsunami with a Tidal Gauge.	1933	Sanriku (1933)	Tsunami	
A-56	H. Honda	Survey Report on the Tsunami Disaster in Iwate-ken.	1933	Sanriku (1933)	Srvy. Rep. Tsu. Rep.	
<u>GENERAL REPORT ON THE GREAT TOHNANKAI EARTHQUAKE OF DEC. 7, 1944, Central Meteorological Observatory</u>						
A-57	S. Fujiwara	Some Thoughts on the Earthquake Investigation.	1945	Tohnankai	Gen.	
A-58	Y. Homma	On the Great Tohnankai Dec. 7, 1944.	1945	Tohnankai	Gen.	
A-59	U. Inoue	Survey Report on the Seismic Disaster in Shizuoka-ken.	1945	Tohnankai	Srvy. Rep.	
A-60	Omaezaki	Report on the Weather Stat.	1945	Tohnankai	Gen.	
A-61	S. Homma	Survey Report on the Area Damaged by the Higashi-Nankai Earthquake of Dec. 7, 1944; Coastal Region of Enshu-nada.	1945	Tohnankai	Srvy. Rep.	
A-62	T. Takagi	Survey Report on the Area Damaged by the Tohnankai Earthquake, Dec. 7, 1944.	1945	Tohnankai	Srvy. Rep.	
A-63	K. Sagisaka	Survey Report on Mie-ken and Wakayama-ken which were Damaged by the Tohnankai Earthquake of Dec. 7, 1944.	1945	Tohnankai	Srvy. Rep.	
A-64	O. Sakai	Survey Report on the Damage done by the Earthquake which Occurred in Enshu-nada around 13:36, Dec. 7, 1944.	1945	Tohnankai	Srvy. Rep. Damage	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
A-65	K. Musha	The Great Earthquakes initiated in the Middle Part of the External Earthquake Zone.	1945	Tohankai	Gen.	
GENERAL REPORT ON THE NANKAIDO GREAT EARTHQUAKE OF DEC. 21, 1946, Central Meteorological Observatory						
A-66	K. Wadaichi	General Survey of the Nankai Earthquake.	1947	Nankai	Gen.	
A-67	Seismological Sept., C.M.O.	Outline of the Measurement and Observation of the Nankaido Earthquake.	1947	Nankai	Exp. Meas.	
A-68	N. Takehana	General Survey of the Tsunami Disaster.	1947	Nankai	Tsunami	
A-69	Seismological Dept., C.M.O.	Damage Caused by the Earthquake and the Following Tsunami.	1947	Nankai	Damage	Tsu. Dam.
A-70	Seismolgical Dept., C.M.O.	Upheaval and Subsidence of the Ground.	1947	Nankai	Sub. & Upn.	
A-71	R. Yoshimatsu	Change in the Earth's Current Preceding and Following the Nankai-do Earthquake.	1947	Nankai	Cur. & Mag.	
A-72	K. Takagi	Change in the Earth's Magnetism Recorded by the Takagi Magnetometer before and afeter the Nankai-do Earthquake.	1947	Nankai	Exp. Meas.	
A-73	K. Tokisaka	Survey Report on the Districts Damaged by the Nankai-do Earthquake, Dec. 21, 1946: In the Case of Wakayama-ken.	1947	Nankai	Srvy. Rep.	
A-74	Osaka Dist. Met. Observ.	Survey Report on the Districts Damaged by the Nankai-do Earthquake, Dec. 21, 1946: Osaka-fu, Wakayama-ken and Hyohgo-ken.	1947	Nankai	Srvy. Rep.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
A-75	U. Inoue	Survey Report on the Districts Damaged by the Nankai-do Earthquake, Dec. 21, 1946: Seismic Disaster in Tokushima-ken.	1947	Nankai	Srvy. Rep.	Damage
A-76	Tokushima Weather Station	Survey Report on the Districts Damaged by the Nankai-do Earthquake, Dec. 21, 1946: Tokushima-ken.	1947	Nankai	Srvy. Rep.	
A-77	T. Takeishi	Survey Report on the Districts Damaged by the Nankai-do Earthquake, Dec. 21, 1946: Kagawa-ken and Kohchi-ken.	1947	Nankai	Srvy. Rep.	
A-78	R. Shimizui	Survey Report on the Districts Damaged by the Nankai-do Earthquake, Dec. 21, 1946: Nakamura-cho.	1947	Nankai	Srvy. Rep.	
A-79	Takamatsu Meteorological Observatory	Survey Report on the Districts Damaged by the Nankai-do Earthquake, Dec. 21, 1946: The Shikoku District.	1947	Nankai	Srvy. Rep.	
A-80	Central Meteorological Observatory	Survey Report on the Districts Damaged by the Nankai-do Earthquake, Dec. 21, 1946: Disaster in the Chubu District.	1947	Nankai	Srvy. Rep.	
A-81	Hiroshima Meteorological Observatory	Survey Report on the Districts Damaged by the Nankai-do Earthquake, Dec. 21, 1946: Disaster in the Chugoku District.	1947	Nankai	Srvy. Rep.	
A-82	H. Honda	Survey Report on the Districts Damaged by the Nankai-do Earthquake, Dec. 21, 1946: The Kyushu District.	1947	Nankai	Srvy. Rep.	
A-83		Survey Report on the Districts Damaged by the Nankai-do Earthquake, Dec. 21, 1946: The Kyushu District.	1947	Nankai	Srvy. Rep.	
A-84	M. Morita	Visitation of Tsunami and the Corresponding Evacuation of Residents.	1947	Nankai	Srvy. Rep.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
A-85		Report on the Ocean Earthquake.	1947	Nankai	Ocn. Eqke.	
<b>REPORTS ON THE GREAT NANKAI EARTHQUAKE DISASTER, Kohchi-ken</b>						
A-86	K. Kanai	Report on Building Damage in Kohchi-ken by the Nankai Earthquake.	1949	Nankai	Tsu. Dam.	
A-87	H. Kawasumi	Ground Deformation, Tsunami and Seismic Intensity Following the Nankai Earthquake: Characteristics of the Earthquake.	1949	Nankai	Gen.	Tsunami, Grnd. Def. Damage
A-88	T. Minakami	Vibration Property of the Ground in Kohchi-shi Estimated from the Aftershock Motion.	1949	Nankai	Ground	Aftershock
A-89	T. Hagiwara	Report on the Aftershocks Observed after the Nankai Earthquake.	1949	Nankai	Aftershock	
A-90	S. Miyamura	Damage Resulting from the Nankai Earthquake and the Ground in Kohchi-ken.	1949	Nankai	Ground	Damage
A-91	F. Kishinoue	Restoration Work of Land Subsidence and Upheaval by the Great Earthquake in Tosa.	1949	Nankai	Sub. & Uph.	
A-92	K. Kanai	Result of Seismic Prospecting at Nakamura-cho, Kohchi-ken.	1949	Nankai	Ground	Geology
A-93	R. Morimoto	Geological Map of Kohchi-ken.	1949	Nankai	Geology	
A-94	R. Takahashi	Report on the Tsunami in Suzuki-cho and Shin-usa-cho, Kohchi-ken.	1949	Nankai	Tsunami	
A-95	N. Nasu	Report on the Tsunami at Tanezaki and Hisafuda, Kochi-ken.	1949	Nankai	Tsunami	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
A-96	H. Kawasumi	Seismic Intensity and Damage Estimated from Investigations of the Nankai Earthquake.	1949	Nankai	Damage	Others
A-97	K. Kanai	On the Earthquake Resistant Structure.	1949	Nankai	Aseis. Des.	
A-98	Seismological Dept., C.M.O.	Report on the Great Nankai-do Earthquake.	1949	Nankai	Gen.	
A-99	Geographical Survey Inst., M.O.C.	Report on First Class Leveling in the Kochi District.	1949	Nankai	Lev. & Tri.	
A-100	S. Yamaguchi	On the Forecasting of Earthquake Occurrence.	1949	Nankai	Egke. Sgns.	
A-101	The Chamber of Commerce and Industry, Kochi-ken.	The Great Earthquake Disaster and its Effect on Industry of Kohchi-ken.	1949	Nankai	Damage	
A-102	T. Nagata	Interim Report on Earthquakes Observed in 1949 Muroto-machi and Kohchi-shi, Kohchi-ken.	1949	Nankai	Cur. & Mag. Aftershock	
A-103	K. Hirao	Interim Report on Observation of the Aftershocks of the Nankai Earthquake.	1949	Nankai	Aftershock	
A-104		The Nankai Great Earthquake Disaster.	1949	Nankai	Gen.	
RESEARCH REPORT ON THE GROUND MOVEMENT IN THE SHIKOKU DISTRICT, Specialty Research Committee on the Ground Movement, Economic Reconstruction and Development Committee of Shikoku District.						
A-105	K. Sagisaka	Crustal Movement in the Shikoku District during the Historic Period (Part 1).	1949	Nankai	Crst. Mvmt.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
A-106	K. Matsuda	Investigation Report on Subsidence in Niihama Port and Its Vicinity.	1949	Nankai	Sub. & Uph.	
A-107	K. Sasa	Report on the Damage due to Salt Contamination in Tokushima-ken.	1949	Nankai	Damage	
A-108	H. Momose	Salt Contamination in Rice Paddies in the East Coast of Tokushima-ken.	1949	Nankai	Damage	
A-109	K. Hayami	Report on Salt Contamination at Kawachi-mura, Itano-gun, Tokushima-ken.	1949	Nankai	Damage	
A-110	E. Nishimura	Crustal Movement Observed far beneath the Ground (Part 1).	1949	Nankai	Crst. Mvmt.	
A-111	S. Yoshikawa	Report on the Ground in Niihama-shi.	1949	Nankai	Ground	
A-112	H. Kawazumi	Report on Ground Movement in the Shikoku District Inferred from Tidal Observation Records (Part 1).	1949	Nankai	Tidal Chge.	Crst. Mvmt.
A-113	F. Kishinoue	Report on Ground Movement in the Shikoku District: Interim Report on the First Investigation of Kohchi-ken.	1949	Nankai	Crst. Mvmt.	
A-114	T. Nagata	Crustal Movement in the Shikoku District: Study on the Crustal Movement around Muroto-misaki.	1949	Nankai	Crst. Mvmt.	
A-115	R. Morimoto	Interim Report on the Relationship between the Movement of the Bench Marks and Geological Features in the Shikoku District.	1949	Nankai	Crst. Mvmt. Geology	
A-116	N. Nasu	General Report on the Investigation of the Deformation of Topography in the Shikoku District: Survey of the Sea Shore.	1949	Nankai	Crst. Mvmt.	

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
A-117	R. Takahashi	Tentative Report: Observation of Ground Subsidence.	1949	Nankai	Sub. & Uph.	
A-118	T. Matsuzawa	Report on Observation of a Small Earthquake.	1949	Nankai	Sml. Eqke.	
A-119	M. Naruoka	Leveling of Kohchi-shi (Part 1).	1949	Nankai	Lev. & Tri.	
A-120	M. Fukuoka	Report on Salt Contamination at Kawauchi-mura, Itano-gun, Tokushima-ken.	1949	Nankai	Damage	
A-121	S. Matsushita	Geological Study on Ground Movement in the Shikoku District.	1949	Nankai	Crst. Mvmt. Geology	
A-122	E. Nishimura	Crustal Movement Observed far beneath the Ground (Part 2).	1949	Nankai	Crst., Mvmt.	
A-123	E. Nishimura	Crustal Movement Observed far beneath the Ground (Part 3).	1949	Nankai	Crst. Mvmt.	
A-124	T. Nagata	Report on Precise Leveling around Muroto-misaki: Investigation of Subsidence in the Shikoku District.	1949	Nankai	Lev. & Tri. Crst. Mvmt.	
A-125	M. Naruoka	Leveling of Kohchi-shi (Part 2).	1949	Nankai	Lev. & Tri.	
A-126	M. Moriyoshi	Leveling in and around Tokushima-shi.	1949	Nankai	Lev. & Tri.	
A-127	T. Hagiwara	Crustal Movement Observed in Matsuyama-shi.	1949	Nankai	Crst. Mvmt.	
A-128	H. Momose	Report on the Ground in Tokushima-shi.	1949	Nankai	Ground	
A-129	H. Momose	Report on the Ground at Kawachi-mura, Tokushima-ken.	1949	Nankai	Ground	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
A-130	R. Takahashi	Ground Movement in the Shikoku District in 1949.	1950	Nankai	Crst. Mvmt.	
A-131	K. Hayami	Report on Salt Contamination at Kawauchi-mura, Itano-gun, Tokushima-ken (Part 2: Change in Coastal Ground Water Level Following Subsidence and Salt Contamination).	1950	Nankai	Grnd. Wtr. Damage	
A-132	R. Takahashi	Report on the Precise Leveling in the Takanawa Peninsula, Ehime-ken.	1950	Nankai	Lev. & Tri. Crst. Mvmt.	
A-133	H. Kawasumi	Report on Ground Movement in the Shikoku District Inferred from Tidal Observation Records (Part 2).	1950	Nankai	Tdl. Chge. Crst. Mvmt.	
A-134	Geographical Survey Inst.	Report on First Class Leveling after the Nankai Earthquake. (Part 1).	1950	Nankai	Lev. & Tri.	
A-135	Spec. Research Com. on Ground Movement	Report on the Damage Resulting from the Ground Movement	1950	Nankai	Ground Damage	
A-136	Spec. Research Com on Ground Movement	Schematic Representation of the Damage due to the Ground Movement	1950	Nankai	Ground Damage	
A-137		Report on the Disaster and the Current State of its Repair Work.	1950	Nankai	Damage	
<u>PROMPT REPORT ON THE FUKUI EARTHQUAKE OF 1948,</u> Special Research Committee on the Fukui Earthquake, the Japan Science Council						
A-138	H. Kawasumi	General Report on the Fukui Earthquake.	1949	Fukui	Gen.	
A-139	T. Hirono	The Fukui Earthquake Recorded by Seismographs.	1949	Fukui	Exp. Meas.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
A-140	Y. Koshikawa	The Seismographic Records of the Fukui Earthquake.	1949	Fukui	Exp. Meas.	
A-141	S. Omote	Observation of Aftershocks of the Fukui Earthquake (Part 1).	1949	Fukui	Aftershock	
A-142	T. Tanaka	Observation of Micro-tremors at Ashiwara-cho, Fukui-ken.	1949	Fukui	Sm. Eqke.	
A-143	S. Asada	Very Small Aftershocks of the Fukui Earthquake.	1949	Fukui	Aftershock	
A-144	Y. Sato	Distribution of the Seismic Intensity due to the Fukui Earthquake on the basis of a Mail Poll.	1949	Fukui	C.R. Col. Others	
A-145	K. Sagisaka	Investigation on the Fukui Earthquake through Personal Experiences.	1949	Fukui	Gen.	
A-146	H. Honda	Survey Report on the Area Shaken by the Fukui Earthquake.	1949	Fukui	Srvy. Rep.	
A-147	S. Suehiro	Prompt Survey Report on the Fukui Earthquake.	1949	Fukui	Srvy. Rep.	
A-148	T. Matsuda	General Report on the Fukui Earthquake.	1949	Fukui	Gen.	
A-149	N. Miyabe	Investigation on the Distribution of the Cracks in the Ground Caused by the Fukui Earthquake.	1949	Fukui	Fault	Ground, Crack
A-150	Y. Kato	Ground Cracks Caused by the Fukui Earthquake and the Model Experiments.	1949	Fukui	Fault	Ground, Crack
A-151	T. Nacata	Movement of Leveling Line between Fukushi and Daishohji Following the Fukui Earthquake.	1949	Fukui	Crst. Mvmt.	

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
A-152	Geographical Survey Inst.	Vertical Movement of First Class Bench Marks Resulting from the Fukui Earthquake.	1949	Fukui	Sub. & Upb.	
A-153	K. Hirano	Leveling along the Katsuyama Road, Fukui-ken.	1949	Fukui	Lev. & Tri.	
A-154	T. Hagiwara	Observation of the Tilt Change as well as the Expansion and Contraction of the Ground at Hokugo-mura, Fukui-ken.	1949	Fukui	Tilt	Exp. & Cont.
A-155	I. Ozawa	Crustal Movement Observed before and after the Fukui Earthquake, and its Aftershocks.	1949	Fukui	Crst. Mvmt.	Aftershock
A-156	K. Muto	Outline of the Simplified Triangulation in the Echizen Plain.	1949	Fukui	Lev. & Tri.	Crst. Mvmt.
A-157	N. Nasu	On the Faults Following the Fukui Earthquake.	1949	Fukui	Fault	
A-158	N. Nasu	Leveling in the Echizen Plain.	1949	Fukui	Lev. & Tri.	
A-159	N. Morooka	General Report on the Investigation of the Sea Surface in the Area Shaken by the Fukui Earthquake.	1949	Fukui	Tidal Chge.	
A-160	S. Nakamura	Earth Magnetism Observed along the Districts between Fukui and Niigata (Part 1).	1949	Fukui	Cur. & Mag.	
A-161	S. Sano	Earth Magnetism Observed during the Fukui Earthquake.	1949	Fukui	Cur. & Mag.	
A-162	T. Yumura	Investigation of the Fukui Earthquake Based on the Observation of the Earth's Magnetism.	1949	Fukui	Cur. & Mag.	
A-163	Y. Kato	On the Change in the Dip of the Geomagnetism due to the Fukui Earthquake.	1949	Fukui	Cur. & Mag.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
A-164	E. Nishimura	Ground Movement and Geomagnetic Change in and around Fukui after the Fukui Earthquake.	1949	Fukui	Crst. Mvmt.	Cur. & Mag.
A-165	K. Hirao	Change in the Earth's Current after the Fukui Earthquake.	1949	Fukui	Cur. & Mag.	
A-166	Y. Kato	Distribution of the Geopotential Difference around the Epicenter of the Fukui Earthquake.	1949	Fukui	Cur. & Mag.	
A-167	Y. Kato	Variation of the Earth's Current due to the Aftershocks of the Fukui Earthquake.	1949	Fukui	Cur. & Mag.	Aftershock
A-168	D. Shimozuru	On the Change in the Ground Water Level in the Fukui District due to the Fukui Earthquake.	1949	Fukui	Grnd. Wtr.	
A-169	S. Matsubara	Change in the Ground Water Level due to the Fukui Earthquake.	1949	Fukui	Grnd. Wtr.	
A-170	I. Murai	Geological Structures around Sakai-gun and Ensho-gun, Fukui-ken.	1949	Fukui	Geology	
A-171	T. Minakami	Difference in the Earthquake Motions Depending on the Ground of Different Characteristics in the Southern Part of Fukui-shi.	1949	Fukui	Ground	
A-172	S. Nakamura	Gravity Wave Phenomena in the Fukui Plain.	1949	Fukui	Others	Gravity
A-173	N. Miyabe	Measurement of Strains of Houses Resulting from the Earthquake Motion.	1949	Fukui	Buil. vib.	
A-174	K. Kanai	Report on Earthquake Damage to Wooden Buildings.	1949	Fukui	Buil. vib.	

No.	Author	Title	Date	Earthquake Classification	Notes
A-175	R. Takahashi	A Few Aspects of Damages to Railways	1949	Fukui	Publ. Dam.
<u>THE FUKUI EARTHQUAKE OF JUNE 28, 1948: REPORT OF THE SPECIAL COMMITTEE FOR THE STUDY OF THE FUKUI EARTHQUAKE.</u> ed. by H. Tsuya, Special Committee for the Study of the Fukui Earthquake.					
*A-176	H. Kawasumi	Chapter I. General Description.	1950	Fukui	Gen.
*A-177	W. Inoue	Chapter II. Seismometrical Features.	1950	Fukui	Exp. Meas.
*A-178	S. Omote	Chapter III. Aftershocks.	1950	Fukui	Aftershock
*A-179	T. Minakami	Chapter IV. Nature of Earthquake Motions on Various Geological Formations.	1950	Fukui	Gen.
*A-180	N. Nasu	Chapter V. Crustal Deformations.	1950	Fukui	Crst. Mvmt.
*A-181	N. Miyabe	Chapter VI. Macroseismic Features.	1950	Fukui	Sm. Eqke.
*A-182	Y. Kato	Chapter VII. Electric and Magnetic Features.	1950	Fukui	Cur. & Mag.
*A-183	K. Kanai	Chapter VIII. Damage to Buildings and Civil Engineering Structures.	1950	Fukui	Buil. Dam.
<u>REPORT ON THE TOKACHI-OKI EARTHQUAKE OF MAY 4, 1952,</u> Research Committee on the tokachi-oki Earthquake					
*A-184	U. Inoue	General Description.	1954	Tokachi-oki	Gen.
*A-185	Seismological Dept., C.M.O.	Seismometrical Observations of the Meteorological Observatory.	1954	Tokachi-oki	Exp. Meas.
*A-186	Seismological Dept., C.M.O.	Summary of Aftershocks.	1954	Tokachi-oki	Aftershock
*A-187	Seismological Dept. C.M.O.	Summary of Damage.	1954	Tokachi-oki	Damge

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*A-188	Sapporo Dist. Met. Observ.	Report of the Field Investigation. (Port of Hokkaido).	1954	Tokachi-oki Srvy. Rep.		
*A-189	Sendai Dist. Met. Observ.	Report of the Field Investigation. (Each coast of Tohoku district).	1954	Tokachi-oki Srvy. Rep.		
*A-190	Seismological Dept., C.M.O.	Tsunami.	1954	Tokachi-oki Tsunami		
*A-191	K. Musha	Earthquake Activity in Hokkaido.	1954	Tokachi-oki Egke. Act.		
*A-192	Seismological Dept., C.M.O.	Recent Earthquake Activity in the Vicinity of Hokkaido.	1954	Tokachi-oki Egke. Act..		
*A-193	K. Kimura	Increase of Flow in the Ishikari River.	1954	Tokachi-oki Others		
*A-194	Sapporo Dist. Met. Observ.	Monthly Number of Earthquakes in Hokkaido.	1954	Tokachi-oki Egke. Act.		
A-195	Sapporo Dist. Met. Observ.	Report of the Investigation of Geo- physical Phenomena, Volcanos and Hot Springs before and after the Tokachi Earthquake.	1954	Tokachi-oki Volcano	Grnd. Wtr. Egke. Act.	
*A-196	Dept. of Geo. & Mineralogy, Hokkaido Univ.	Reports on the Geological Observations in the Areas Damaged by the Tokachi-oki Earthquake of March 4, 1952.	1954	Tokachi-oki Geology		
*A-197	Geographical Survey Inst.	Result of the First Order Leveling after the Tokachi-oki Earthquake.	1954	Tokachi-oki Lev. & Tri.		
*A-198	Maritime Safety Bureau	Observations on the Phenomena Caused by the Tokachi-oki Earthquake.	1954	Tokachi-oki Tsunami		
*A-199	T. Fukutomi	On the Maximum Accelerations of the Dis- astrous Off-Tokachi Earthquake (Mar. 4, 1952) as Estimated from the Overturning of Tombstones, and on Remarkable Cracks in the Strongly Shaken Area.	1954	Tokachi-oki Others	Volcano	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*A-200	Y. Sasa	The Niikappu Mud Volcano and their Changes due to the Tokachi-oki Earthquake, 1952.	1954	Tokachi-oki Volcano	Grnd. Def.	
*A-201	Y. Sasa	Landslide of a Mine Dump of Harutori Coalmine Caused by the Tokachi-oki Earthquake, 1952.	1954	Tokachi-oki Mt. Landslide.		
*A-202	K. Kusumoto	Report on the Survey of the Tsunami in Hokkaido Accompanying the Tokachi Earthquake.	1954	Tokachi-oki Tsunami		
*A-203	Y. Mizuguchi	Study on "Tsunami".	1954	Tokachi-oki Tsunami		
*A-204	T. Fukutomi	Effects upon the Ground Water and the Hot Springs.	1954	Tokachi-oki Grnd. Wtr.		
*A-205	M. Kurata	On the Damages to Roads by the Tokachi-oki Earthquake.	1954	Tokachi-oki Publ. Dam.		
*A-206	K. Manai	Damages to Railroad Lines.	1954	Tokachi-oki Publ. Dam.		
*A-207	K. Ohtsubo	Damages Inflicted upon Rivers and Levees at the Time of the Tokachi-oki Earthquake.	1954	Tokachi-oki Damage		
*A-208	Y. Mashima	Earthquake Damages to Harbor Works in Hokkaido.	1954	Tokachi-oki Publ. Dam.		
*A-209	T. Kon	On the Damage to Bridge Structures due to Tokachi-oki Earthquake, March 4, 1952.	1954	Tokachi-oki Publ. Dam.		
*A-210	N. Maeda	The Damage to Concrete Structures Caused by the Tokachi-oki Earthquake.	1954	Tokachi-oki Damage		
*A-211	T. Sakai	On the Damage to the Fodder Storage Silos.	1954	Tokachi-oki Damage		
*A-212	T. Hayashi	Earthquake Damages to Water Works and the Sewerage System in Hokkaido.	1954	Tokachi-oki Publ. Dam.		

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*A-213	Civil Eng. Res. Inst. Hokkaido Devel. Bureau	Damage to Civil Engineering Structures due to the Tokachi-oki Earthquake.	1954	Tokachi-oki Publ. Dam.		
A-214	T.Sasaki	Geological Characteristics in the Strong Earthquake Area.	1954	Tokachi-oki Geology		
A-215	I. Miyagawa	Report on the Damage to the Embankment of the Ohmu River.	1954	Tokachi-oki Publ. Dam.		
A-216	J. Yoshida	Report on the Damage to Embankments of the Tokachi-gawa and Ribetsu-gawa.	1954	Tokachi-oki Publ. Dam.		
A-217	G. Udai	Report on the Damage to the Embankment of the Shinkushiro River.	1954	Tokachi-oki Publ. Dam.		
A-218	K. Okamoto	Report on the Damage to Bridges.	1954	Tokachi-oki Publ. Dam.		
A-219	K. Furuya	Report on the Damage to Kushiro Port.	1954	Tokachi-oki Publ. Dam.		
*A-220	K. Takagi	Chemical Investigation of the Drinking Water Effected by the Tokachi-oki Earthquake.	1954	Tokachi-oki Others	Grnd. Wtr.	
*A-221	M. Yokota	The Earthquake Damage to Reinforced Con- crete and Steel Skeleton Structures.	1954	Tokachi-oki Buil. Dam.		
*A-222	T. Nishi	On the Damage to Masonry Construction Buildings.	1954	Tokachi-oki Buil. Dam.		
*A-223	K. Ohno	The Damage to Wooden Houses by the Tokachi-oki Earthquake.	1954	Tokachi-oki Buil. Dam.		
*A-224	T. Ochifugi	Damage to Wooden School-houses by the Tokachi-oki Earthquake.	1954	Tokachi-oki Buil. Dam.		
*A-225	Hokkaido Devel. Bureau	Damage to Government Office Buildings.	1954	Tokachi-oki Buil. Dam.		

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
*A-226	Const. & Maint. Dept., Buil. Sec. Management of J.N.R. Sapporo Operat. Div., J.N.R.	Damage to the Buildings under the	1954	Tokachi-oki	Buil. Dam.	
*A-227	T. Matsumoto	On Aspects of the Damage to Electrical Equipment Caused by the Tokachi-oki Earthquake.	1954	Tokachi-oki	Dam age	
*A-228	S. Gondaira	Earthquake Damages to Farmland and Fisheries.	1954	Tokachi-oki	Dam age	
<u>PROMPT SURVEY REPORT ON THE CHILEAN TSUNAMI, MAY 24, 1960, Joint Research Committee on the Chilean Tsunami</u>						
A-229	T. Hatori	Measuring Method and Standards of Tidal Wave Height.	1960	Chilean	Tsunami	
A-230	T. Suzuki	Map of the Tsunami Wave Height Distribution: Hokkaido.	1960	Chilean	Tsunami	
A-231	A. Takagi	Map of the Tsunami Wave Height Distribution: From Aomori to Miyagi.	1960	Chilean	Tsunami	
A-232	H. Kawasumi	Map of the Tsunami Wave Height Distribution: From Hokkaido to Shizuoka.	1960	Chilean	Tsunami	
A-233	K. Iida	Map of the Tsunami Wave Height Distribution: From Shizuoka to Wakayama.	1960	Chilean	Tsunami	
A-234	K. Hayami	Map of the Tsunami Wave Height Distribution: The Kinki and the Shikoku Districts.	1960	Chilean	Tsunami	
A-235	D. Shimozuru	Map of the Tsunami Wave Height Distribution: Kyushu.	1960	Chilean	Tsunami	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
A-236	T. Murase	Map of the Distribution of Arrival Time of the Highest Tsunami Wave.	1960	Chilean		Tsunami
A-237	T. Suzuki	Investigation Table of the Tsunami.	1960	Chilean		Tsunami
A-238	T. Suzuki	Survey Report on the Site Damaged by the Chilean Tsunami: From Habomai to Sakakibara.	1960	Chilean		Tsu. Rep.
A-239	M. Kiyono	Survey Report on the Site Damaged by the Chilean Tsunami: From Nossap to Kushiro.	1960	Chilean		Tsu. Rep.
A-240	T. Murase	Survey Report on the Site Damaged by the Chilean Tsunami: Kushiro Port to Hamaohgi.	1960	Chilean		Tsu. Rep.
A-241	T. Fujiki	Survey Report on the Sites Damaged by the Chilean Tsunami: From Hiroo to Erimo and Ohmu-gawa.	1960	Chilean		Tsu. Rep.
A-242	M. Kashiwamura	Survey Report on the Site Damaged by the Chilean Tsunami: From Tomakomai to Ohshima-Sunahara.	1960	Chilean		Tsu. Rep.
A-243	K. Ohtani	Survey Report on the Sites Damaged by the Chilean Tsunami: From Shikabe to Esashi.	1960	Chilean		Tsu. Rep.
A-244	J. Suzuki	Survey Report on the Sites Damaged by the Chilean Tsunami: From Aomori to Miyagi.	1960	Chilean		Tsu. Rep.
A-245	H. Kawasumi	Survey Report on the Sites Damaged by the Chilean Tsunami: From Ohfunato to Shizugawa.	1960	Chilean		Tsu. Rep.
A-246	H. Miyoshi	Survey Report on the Sites Damaged by the Chilean Tsunami: Hokkaido.	1960	Chilean		Tsu. Rep.
A-247	M. Miyazaki	Survey Report on the Sites Damaged by the Chilean Tsunami: From the West Coast of the Shimokita Peninsula to Aomori.	1960	Chilean		Tsu. Rep.

No.	Author	Title	Date	Earthquake Classification	Notes
A-248	R. Sato	Survey Report on the Sites Damaged by the Chilean Tsunami: From Iwaya to Shiryazaki and Yagi.	1960	Chilean	Tsu. Rep.
A-249	M. Tominaga	Survey Report on the Sites Damaged by the Chilean Tsunami: From Kuji to Omoto.	1960	Chilean	Tsu. Rep.
A-250	S. Unoki	Survey Report on the Sites Damaged by the Chilean Tsunami: From Taoi to Funakoshi, and Tsugaru.	1960	Chilean	Tsu. Rep.
A-251	S. Omote	Survey Report on the Sites Damaged by the Chilean Tsunami: From Ohtuchi to Yoshihama.	1960	Chilean	Tsu. Rep.
A-252	T. Momoi	Survey Report on the Sites Damaged by the Chilean Tsunami: From Ekkirai to Kadonohama.	1960	Chilean	Tsu. Rep.
A-253	K. Kasahara	Survey Report on the Sites Damaged by the Chilean Tsunami: From Ohno to Kesenuma.	1960	Chilean	Tsu. Rep.
A-254	K. Hirano	Survey Report on the Sites Damaged by the Chilean Tsunami: From Ohtani to Shizugawa and Omaehama.	1960	Chilean	Tsu. Rep.
A-255	I. Aida	Survey Report on the Sites Damaged by the Chilean Tsunami: From Onagawa to Ishinomake.	1960	Chilean	Tsu. Rep.
A-256	T. Hatori	Survey Report on the Site Damaged by the Chilean Tsunami: From Matsushima to Nakaminato.	1960	Chilean	Tsu. Rep.
A-257	R. Yamaguchi	Survey Report on the Site Damaged by the Chilean Tsunami: Bohso Peninsula.	1960	Chilean	Tsu. Rep.
A-258	T. Teramoto	Survey Report on the Site Damaged by the Chilean Tsunami: From Miura Peninsula to Hamamatsu	1960	Chilean	Tsu. Rep.

No.	Author	Title	Date	Earthquake Classification	Notes
A-259	T. Hatori	Survey Report on the Sites Damaged by the 1960 Chilean Tsunami: Hachijo-jima.		Tsu. Rep.	
A-260	K. Iida	Survey Report on the Sites Damaged by the 1960 Chilean Tsunami: From Shizuoka to Wakayama.		Tsu. Rep.	
A-261	K. Hayami	Survey Report on the Sites Damaged by the 1960 Chilean Tsunami: Kinki and Shikoku.		Tsu. Rep.	
A-262	D. Shimozuru	Survey Report on the Sites Damaged by the 1960 Chilean Tsunami: Kyushu.		Tsu. Rep.	
A-263	K. Nitta	Survey Report on the Sites Damaged by the 1960 Chilean Tsunami: Kamaishi, Ohfunato and Kesenuma.		Tsu. Rep.	
A-264	K. Horikawa	Survey Report on the Sites Damaged by the 1960 Chilean Tsunami: Miyagi-ken, Iwate-ken and Aomori-ken.		Tsu. Rep.	
A-265		Record of Tidal Observation.	1960	Chilean	Tsu. Rep.
REPORT ON THE CHILEAN TSUNAMI OF MAY 24, 1960, AS OBSERVED ALONG THE COAST OF JAPAN, Committee of Field Investigation on the Chilean Tsunami of 1960.					
*A-266	R. Takahashi	A Summary Report on the Chilean Tsunami of May 1960.	1961	Chilean	Gen.
*A-267	T. Hagiwara	Seismological Data of the Chilean Earthquake in 1960.	1961	Chilean	Exp. Meas.
*A-268	K. Takano	Drawing of Refraction Diagrams and Analysis of the Chilean Tsunami of May 22, 1960 on a Terrestrial Globe.	1961	Chilean	Tsunami
					Geophysical notes 15 (1962) Collected ed Oceanogr. Papers. 6.

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*A-269	H. Miyoshi	The Land-tied Island and Tidal Establishments - For the People of Talcahuano (Chile) -.	1961	Chilean	Dis. Prev.	Tsu. Dam.
*A-270	B. Kawamura	On the Deformation of the Sea Bottom in Some Harbors in the Sanriku Coast due to the Chilean Tsunami.	1961	Chilean	Geology	Tsunami
*A-271	Y. Kato	The Chilean Tsunami of May 24, 1960 Observed along the Sanriku Coast, Japan.	1961	Chilean	Tsunami	
*A-272	S. Taneda	"Chile Tsunami" in the Okinawa Islands.	1961	Chilean	Tsunami	
*A-273	K. Nakamura	Tsunami Forerunners Observed in the Case of the Chilean Tsunami of 1960.	1961	Chilean	Tsunami	
*A-274	K. Kajiura	A Note on the Partial Reflection of Long Waves Passing through a Submarine.	1961	Chilean	Tsunami	
*A-275	T. Hatori	On the Propagation of the Chilean Tsunami of 1960 in the Adjacent Sea of Japan.	1961	Chilean	Tsunami	
*A-276	K. Iida	On the Height of the Chilean Tsunami on the Pacific Coast of Central Japan and the Effect of Coasts on the Tsunami, particularly on the Comparison between the Tsunami and those that Accompanied the Tohankai and Nankaido Earthquakes.	1961	Chilean	Tsunami	
*A-277	M. Tominaga	Secondary Undulations in Miyako Bay Accompanied by the Chilean Tsunami.	1961	Chilean	Tsunami	
*A-278	H. Higuchi	On the Change of Amplitude of the Chilean Tsunami in Sakai Channel.	1961	Chilean	Tsunami	
*A-279	K. Horikawa	Tsunami Phenomena in the Light of the Engineering Viewpoint.	1961	Chilean	Tsunami	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
*A-280	Architectural Inst. of Japan	General State of the Damage of Buildings.	1961	Chilean	Tsunami	
*A-281	T. Hatori	On the Standard of Measurements and Ob- servation Times of the Tsunami Heights.	1961	Chilean	Tsunami	
*A-282		Map Showing the Distribution of Inundation Heights.	1961	Chilean	Tsunami	
*A-283		Map Showing the Arrival Time of the Maximum Wave.	1961	Chilean	Tsunami	
A-284	T. Suzuki	Report on the Tsunami: From Habomai to Sakakibara (Hokkaido).	1961	Chilean	Tsu. Rep.	
A-285	M. Kiyono	Report on the Tsunami: From Nossap to Kushiro (Hokkaido).	1961	Chilean	Tsu. Rep.	
A-286	T. Murase	Report on the Tsunami: From Kushiro Harbor to Hamataiju (Hokkaido).	1961	Chilean	Tsu. Rep.	
A-287	T. Fujiki	Report on the Tsunami: From Hiroo to Erimo and Oumugawa (Hokkaido).	1961	Chilean	Tsu. Rep.	
A-288	M. Takahashi	Report on the Tsunami: From Tomakomai to Muroran (Hokkaido)	1961	Chilean	Tsu. Rep.	
A-289	M. Kashiwamura	Report on the Tsunami: From Date-cho to Oshamanbe (Hokkaido).	1961	Chilean	Tsu. Rep.	
A-290	I. Yakuwa	Report on the Tsunami: From Oshmanbe to to Sunahara (Hokkaido).	1961	Chilean	Tsu. Rep.	
A-291	K. Ohtani	Report on the Tsunami: From Shikabe to Esashi (Hokkaido).	1961	Chilean	Tsu. Rep.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
A-292	H. Miyoshi	Report on the Tsunami: Hokkaido.	1961	Chilean	Tsu. Rep.	
A-293	J. Iwai	Report on the Geological Investigation of the Sanriku Coastal District Damaged by the Chilean Tsunami: From Hachinohe to Shizugawa.	1961	Chilean	Tsu. Rep.	Tsu. Dam.
A-294	S. Unoki	Report on the Tsunami: From Tsugaru Peninsula to Aomori and Aijkazawa. (Aomori-ken).	1961	Chilean	Tsu. Rep.	
A-295	M. Miyazaki	Report on the Tsunami: From Shimokita Peninsula to Aomori (Aomori-ken).	1961	Chilean	Tsu. Rep.	
A-296	R. Sato	Report on the Tsunami: From Iwaya to to Shiriozaki and Yagi (Aomori-ken and Iwate-ken).	1961	Chilean	Tsu. Rep.	
A-297	M. Tominaga	Report on the Tsunami: From Kuji to Omoto (Iwate-ken).	1961	Chilean	Tsu. Rep.	
A-298	S. Unoki	Report on the Tsunami: From Taoi to Funakoshi (Iwate-ken).	1961	Chilean	Tsu. Rep.	
A-299	S. Omote	Report on the Tsunami: From Ohtsuchi to Yoshihama (Iwate-ken).	1961	Chilean	Tsu. Rep.	
A-300	T. Momoi	Report on the Tsunami: From Ekkirai to Kadonohama (Iwate-ken).	1961	Chilean	Tsu. Rep.	
A-301	K. Kasahara	Report on the Tsunami: From Ohno to Kesenuma (Iwate-ken and Miyagi-ken).	1961	Chilean	Tsu. Rep.	
A-302	K. Hirano	Report on the Tsunami: From Ohyahama, Ohyoshi-cho to Omaehama, Onagawa-machi (Miyagi-ken).	1961	Chilean	Tsu. Rep.	

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
A-303	I. Aida	Report on the Tsunami: From Onagawa to to Ishinomaki (Miyagi-ken).	1961	Chilean	Tsu. Rep.	
A-304	T. Hatori	Report on the Tsunami: From Matsushima to Nakaminato (Miyagi-ken, Fukushima-ken and Ibaragi-ken).	1961	Chilean	Tsu. Rep.	
A-305	R. Yamaguchi	Report on the Tsunami: Bohso Peninsula (Chiba-ken).	1961	Chilean	Tsu. Rep.	
A-306	T. Hatori	Report on the Tsunami: Hachijo-jima (Tokyo-to).	1961	Chilean	Tsu. Rep.	
A-307	T. Teramoto	Report on the Tsunami: From Miura Peninsula to Hamamatsu (Kanagawa-ken and Shizuoka-ken).	1961	Chilean	Tsu. Rep.	
A-308	K. Iida	Report on the Tsunami: From Hamamatsu to Wakayama (Shizuoka-ken, Aichi-ken Mie-ken and Wakayama-ken).	1961	Chilean	Tsu. Rep.	
A-309	K. Hayami	Report on the Tsunami: The Chilean Tsunami in Western Japan.	1961	Chilean	Tsu. Rep.	
A-310	D. Shimozuru	Report on the Tsunami: Kyushu.	1961	Chilean	Tsu. Rep.	
*A-311		Distribution of Tide-gauge Stations and Mareograms.	1961	Chilean Others	Tsunami	
<u>SYNTHETIC REPORT ON THE NIIGATA EARTHQUAKE DISASTER PREVENTION RESEARCH, (National Science and Technology Association ), Sankaido</u>						
A-312	R. Koga	The Niigata Earthquake and its Damage to Rivers.	1965	Niigata	Damage	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
A-313	M. Kajiki	General Survey of the Damage to Farm- lands, Agricultural Facilities and Farm Structures.	1965	Niigata	Damage	
A-314	N. Ito	General Survey of the Seismic Damage to the Roads and their Related Structures by the Niigata Earthquake.	1965	Niigata	Damage	
A-315	H. Ozaki	Damage to the Railroads Resulting from the Niigata Earthquake.	1965	Niigata	Damage	
A-316	Y. Nagao	Damage to the Harbors by the Niigata Earthquake and their Plan for Repairs.	1965	Niigata	Damage	
A-317	M. Ohtomo	Damage to the Electric Communication Facilities by the Niigata Earthquake and Related Topics.	1965	Niigata	Damage	
A-318	T. Fujinami	Damage to Electric Facilities due to the Niigata Earthquake.	1965	Niigata	Damage	
A-319	F. Ohashi	Damage to the Water Supply System by the Niigata Earthquake.	1965	Niigata	Publ. Dam.	
A-320	R. Nii	Report on the Fire at the Niigata Oil Factory, Showa Sekiyu.	1965	Niigata	Fire	
A-321	T. Hiroto	General Survey of the Niigata Earthquake.	1965	Niigata	Gen.	
A-322	S. Nagano	Earthquake Motion and Ground Deformation.	1965	Niigata	Grnd. Def.	
A-323	K. Kajiura	The Tsunami Following the Niigata Earth- quake.	1965	Niigata	Tsunami	
A-324	I. Tsubokawa	Ground Movements Preceding and Following the Niigata Earthquake.	1965	Niigata	Crst. Mvmt.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
A-325	K. Sugai	Report on the Niigata Earthquake by the Geological Survey Institute: Ground Deformation in Plain Regions.	1965	Niigata	Crst. Mvmt.	
A-326	K. Sato	Crustal Movement at the Sea Bottom around Awashima Following the Niigata Earthquake.	1965	Niigata	Crst. Mvmt.	
A-327	S. Ariga	Aerophotographical Survey of the Earthquake Damage.	1965	Niigata	Damage	
A-328	T. Watanabe	Ground and Geological Characteristics.	1965	Niigata	Ground	Geology
A-329	M. Fukuoka	Damage to Embankments.	1965	Niigata	Publ. Dam.	
A-330	T. Takaga	Damage to Bridges.	1965	Niigata	Publ. Dam.	
A-331	S. Hayashi	Characteristics of the Damage to the Harbor Structures (the Quaywalls, mainly) by the Niigata Earthquake.	1965	Niigata	Publ. Dam.	
A-332	K. Takeyama	Emergency Repairs of the Earthquake Damage due to a Ground Abnormality Following the Niigata Earthquake.	1965	Niigata	Damage	Ground
A-333	H. Kobayashi	Building Damage Caused by the Niigata Earthquake.	1965	Niigata	Tsu. Dam.	
A-334	Y. Ohsaki	Damage to Buildings on Extremely Soft Ground.	1965	Niigata	tsu. Dam.	Ground
A-335		Meeting: Geophysics.	1965	Niigata	Others	Gen.
A-336		Meeting: Aseismic Engineering.	1965	Niigata	Others	Asei. Des.
A-337		Meeting: General Earthquake Damage.	1965	Niigata	Others	Damage

No.	Author	Title	Date	Earthquake Classification	Notes
A-338		Supplement: Damage due to the Niigata Earthquake.	1965	Niigata	Damage
<u>RESTORATION PLAN FOR THE NIIGATA EARTHQUAKE DISASTER, Niigata-ken</u>					
A-339	K. Kayahara	Distribution of Damages Resulting from the Niigata Earthquake.	1965	Niigata	Damage
A-340	S. Nishida	Natural Environment of the Districts Damaged by the Niigata Earthquake.	1965	Niigata	Geology
A-341	M. Sato	Social and Economic Environment of the Districts Damaged by the Niigata Earthquake.	1965	Niigata	Others
A-342	S. Nishida	Geological Study of the Niigata Earthquake.	1965	Niigata	Geology
A-343	S. Komaki	Geological Study of the Niigata Earthquake.	1965	Niigata	Gen.
A-344	H. Umemura	Architectural Study of the Niigata Earthquake.	1965	Niigata	Buil. Dam.

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A-345	K. Wadaichi	Report on the Investigation of Geological Structures by Drilling.	1966	Matsushiro	Geology
A-346	K. Kimura	Observed Results of the Matsushiro Earthquakes.	1966	Matsushiro	Gen.
A-347	S. Sano	Geological Structures of the Seismic Districts of the Matsushiro Earthquake.	1966	Matsushiro	Geology
A-348	T. Danbara	Crustal Movements Associated with the Matsushiro Earthquake.	1966	Matsushiro	Crst. Mvt.

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
A-349	R. Morimoto	Geological Background of the Matsushiro Earthquake Swarm.	1966	Matsushiro	Geology	Eqke. Act.
A-350	T. Hagiwara	Report on the Matsushiro Earthquake Swarm by the Tentative Observation Network.	1966	Matsushiro	Gen.	Eqke. Act.
A-351	I. Tsubokawa	Observation of the Crustal Movement by Leveling.	1966	Matsushiro	Crst. Mvmt.	
A-352	K. Kasahara	Observation of the Horizontal Movements by the Electro-Optical Measurement.	1966	Matsushiro	Crst. Mvmt.	
A-353	T. Hagiwara	Tilt Variation Observed in Matsushiro.	1966	Matsushiro	Tilt	
A-354	K. Kanai	Observation by Strong Motion Seismographs and Observation of Microtremors.	1966	Matsushiro	Ground	Exp. Meas.

No.	Author	Title	Date	Earthquake Classification	Notes
B-1	Hamada Weather Sta.	The Hamada Earthquake of 1872. (Hamada Weather Station)*.	1912	Hamada	Gen.
B-2	Shin-Aichi-sha	The Earthquake News. (Shin-aichi-sha)	1891	Nohbi (1891)	Gen. Extra
B-3	Shuhfuhdohjin, ed.	Report on the Great Earthquake in Aichi-ken, Gifu-ken and Fukui-ken. (Tokyo-nissen-do).	1891	Nohbi (1891)	Gen.
B-4	T. Yuchi, ed.	Detailed News of the Meiji Earthquake. (Issei-sha).	1891	Nohbi (1891)	Gen. Extra of Gokoku no hikari Nagoya
B-5	I. Katayama	The Nohbi Earthquake (Ohgaki-machi, Gifu)	1893	Nohbi (1891)	Gen.
B-6	S. Kizawa, et al.	The Meiji Earthquake Disaster (Konchi-do)	1891	Nohbi (1891)	Gen. Konchido Nagoya
B-7	K. Ishikara	Earthquake Disaster in the Nohbi District. (Isho-kan)	1891	Nohbi (1891)	Gen.
B-8	S. Aoyama	Photographs of the Earthquake Disaster in Gifu-ken.	Nohbi (1891)	Nohbi (1891)	Damage
B-9	D. Taki, ed.	Maps of the Earthquake Damage in Yamagata-1894 ken and Tokyo-fu. (Architectural Institute of Japan).	Tokyo	Buil. Dam.	
B-10	J. Imamura	The Earthquake in the Ryo-U District. (Hyuga-shoten).	1894	Shohnai	Gen. Separate Volume
B-11	Miyagi-ken	The Tsunami in Miyagi-ken. (Miyagi-ken).	1903	Sanriku (1896)	Tsunami
B-12	Relief Com. of the Akita Ecke.	Earthquake Disaster in Akita-ken. (Relief Committee of the Akita Earthquake Disaster). Disaster	1897	Riku-U	Gen. Damage

\* Publisher's name is given in parentheses directly following the title.

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
B-13	Shiga-ken	Photographs of the Earthquake Disaster in Shiga-ken. (Shiga-ken).	1910	Ko-No	Damage	
B-14	Y. Kato, ed.	The Earthquake Disaster in Ohsawago-mura. (Shiga-ken).	1917	Ugasen	Gen.	Damage
B-15		Photograph Album of the Great Earthquake Disaster at Senboku, Akita-ken. (Public Office of Senboku-gun).	1914	Ugosen	Damage	
*B-16	C. Davison	The Japanese Earthquake of 1923. (London)	1931	Kanto	Gen.	
	M. Shibusawa	A Description of the Damages Done by the Great Earthquake of Sept. 1, 1923 to the Electrical Installations in Japan.	1924	Kanto	Damage	
B-18	Bureau of Soc. Affairs, Home Office	The Taisho Earthquake Disaster (1) (2). (Home Office)	1926	Kanto	Gen.	
B-19	Bureau of Soc. Affairs, Home Office	Photograph Album of the Taisho Earthquake Disaster. (Home Office)	1926	Kanto	Damage	
*B-20	Bureau of Social Affairs, Home Office	The Great Earthquake of 1923 in Japan. (Home Office).	1926	Kanto	Gen.	
*B-21	Bureau of Social Affairs, Home Office	Companion Maps and Diagrams of the Great Earthquake of 1923 in Japan. (Home Office).	1926	Kanto	Damage	
B-22	Ministry of Railways	Report on the Seismic Damage to the Railway in 1923. (Ministry of Railways)	1927	Kanto	Publ. Dam. Sagami	
B-23	Central Met. Observ.	Report on the Great Kanto Earthquake Disaster: Earthquake. (Central Meteorological Observatory).	1924	Kanto	Gen.	

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
B-24	Central Meteorological Observatory	Report on the Great Kanto Earthquake Disaster: Weather. (Central Meteorological Observatory).	1924	Kanto	Others	
B-25	Japan Soc. of Electrical Eng.	Report on the Earthquake Disaster Prevention for Electric Facilities. (Japan Society of Electrical Engineers, Japan Electric Association)	1924	Kanto	Damage	
B-26	Dept. of Const., Report on the Geological Features in Restoraton Bur. Tokyo and Yokohama. (Restoration Bureau)	192	Kanto	Damage		
B-27	Akasaka Ward Off., Tokyo-shi	The Earthquake Disaster in Akasaka-ku (Akasaka Ward Office)	1925	Kantō	Gen.	Damage
B-28	Tentative Dis. Relief Bur.	General Survey of the Seismic Disaster and Relief Facilities .	1923	Kanto	Damage	
B-29	Metropolitan Police Office	Statistics of the Fire Disaster in the Earthquake in 1923. (Metropolitan Police Office).	1925	Kanto	Damage	Fire
B-30	Police Dept., Kanagawa-ken	Fire Disaster in the Great Taisho Earthquake. (Police Department, Kanagawa-ken).	1926	Kanto	Fire	
B-31		Photograph Album of the Seismic Disaster by the Great Kanto Earthquake (Japan Communication Union).	kanto	Fire	Nihon Sohgo Tsushin-sha	
B-32	Land Survey Department	Map of the Vertical Ground Movement in the Areas Shaken by the Kanto Earthquake. (Land Survey Department).	1929	Kanto	Sub. & Upb.	
B-33	Land Survey Department	On the Movement of the First Class Bench Marks in the Areas Shaken by the Kanto Earthquake. (Land Survey Department).	1924	Kanto	Crst. Mvmt.	
B-34	Land Survey Department	Upheaval and Subsidence in the Area Damaged by the Kanto Earthquake. (Land Survey Department)	1925	Kanto	Sub. & Upb.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
B-35	Land Survey Department	A Comparision between the Positions of the First Class Bench Marks before and after the Great Kanto Earthquake. (Land Survey Department).	1930	Kanto	Lev. & Tri. Crst. Mvmt.	
B-36	Land Survey Department	On the Surveying needed for the Restoration Work of the Area Damaged by the Great Kanto Earthquake. (Land Survey Department).	1930	Kanto	Lev. & Tri.	
B-37	Hydrographic Office	Report on the Relevelling of the Area Damaged by the Earthquake of 1923. (Hydrographic Office)	1924	Kanto	Lev. & Tri.	
B-38	Hydrographic Office	Investigation on the Sea Surface in the Tango and Tamba Districts Damaged by the Earthquake. (Hydrographic Office)	1925	Tajima Tango	Tidal Chge.	
B-39	Kyoto-fu Weather Sta.	Report on the Kita-Tango Earthquake on Mar. 7, 1927. (Kyoto-fu Weather Station)	1927	Tango	Gen.	
B-40	U. Nagahama	The Tango Earthquake. (The Publication Association of "The Tango Earthquake", Kyoto)	1929	Tango	Gen.	
B-41	Land Survey Department	On the Levelling Work in the Tango District Performed by the Earthquake Research Institute, Imperial University of Tokyo. (Land Survey Department).	1927	Tango	Lev. & Tri.	
B-42	Land Survey Department	Report on the First Order Leveling for the Restoration of the Earthquake Disaster in the Tango District. (Land Survey Department).	1929	Tango	Lev. & Tri.	
B-43	Land Survey Department	Report on the Second Order Retriangulation of the Tango District Damaged by the Earthquake. (Land Survey Department)	1929	Tango	Lev. & Tri.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
B-44	Land Survey Department	Report on the Second Class Retriangulation in the Seismically Damaged Area in Oku-Tango Peninsula. (Land Survey Department).	1929	Tango	Lev. & Tri.	
B-45	Land Survey Department	Report on the Supplementary Work in the Third Class Triangulation and the First Class Leveling of the Damaged Area in the Tango District (Land Survey Dept.).	1930	Tango	Lev. & Tri.	
B-46		Photograph Album of the Severe Izu Earthquake, Nov. 26, 1930 (Earthquake Research Institute)	19	Izu	Others	
B-47	Land Survey Department	Report on the First and Second Class Re-triangulation of the Areas Damaged by the Izu Earthquake. (Land Survey Department).	1932	Izu	Lev. & Tri.	
B-48	Land Survey Department	Report on the Third Class Retriangulation of the Areas Damaged by the Izu Earthquake. (Land Survey Department).	1935	Izu	Lev. & Tri.	
B-49	Ogawa Girl's High School	Possible Evidence of the Hypocenter of the Earthquake in North Kanto on Sept. 21, 1931. (Ogawa Girl's High School).	19	Nishi-Saitama	Others	
B-50	Fishery Agency, Ministry of Agr. & Forestry	Report on the Tsunami Disaster Prevention in the Sanriku District. (Fishery Agency, Ministry of Agriculture and Forestry)	1934	Sanriku (1933)	Tsu. Dam.	
B-51	Forestry Agency, Min. of A. & F.	Report on the Forestation for Tidal Wave Protection in the Sanriku District. (Forestry Agency, Ministry of A. & F.)	1934	Sanriku (1933)	Tsu. Dam.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
B-52	Land Survey Department	Report on the Re-leveling in the Area Damaged by the Sanriku Earthquake (Land Survey Department).	1934 (1933)	Sanriku	Lev. & Tri.	
B-53	Land Survey Department	Report on the Second and Third Class Re-triangulation and the First Class Re-leveling in the Seismic Area in and around Shizuka. (Land Survey Department)	1936 (1933)	Sanriku	Lev. & Tri.	
B-54	Gifu Weather Station	On the Earthquake in South Gunjo-gun on Aug. 18, 1934. (Gifu Weather Station)	1934	Gifu-Yawata	Gen.	
B-55	Geographical Survey Institute	Re-triangulation in the Seismically Damaged Mikawa District. (Geographical Survey Institute).	1960	Mikawa	Lev. & Tri. Booklet	
B-56	Chuhgoku and Shikoku Reg. Const. Bur.	Interim Report on the Ground Movement in 1955. (Chuhgoku and Shikoku Regional Construction Bureau).	1955	Nankai	Crst. Mvmt.	
B-57	Chuhgoku and Shikoku Reg. Const. Bur.	Countermeasure against the Ground Movement and its Problem. (Chuhgoku and Shikoku Regional Construction Bureau)	1955	Nankai	Crst. Mvmt.	
B-58	Spec. Com. on Inves. of the Hokuriku Eqke. Disaster	Report on the Seismic Damage by the Fukui Earthquake of 1948: Part 1. Public Structures. (Special Committee on the Investigation of the Hokuriku Earthquake Disaster)	1950	Fukui	Publ. Dam.	
B-59	Spec. Com. on Inves. of the Hokuriku Eqke. Disaster	Report on the Seismic Damage by the Fukui Earthquake of 1948: Part 2. Building Structures. (Special Committee on the Investigation of the Hokuriku Earthquake Disaster)	1951	Fukui	Buil. Dam.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
B-60	Acad. Res. Coun. of Jap., Japan Soc. of Civil Eng.	General Report on the Earthquake Disaster in the Hokuriku Region: Damage to Public Structures.	1948	Fukui	Publ. Dam.	
B-61	Y. Sakabe	On the Damage done by the Fukui Earth- quake and the Destructive Power of this kind of Earthquake. (Proc. 2nd World Conf. on Earthquake Engineering)	1960	Fukui	Damage	
B-62	Railway Tech. Res. Inst.	Report on the Fukui Earthquake on June 28, 1948. (Railway Technical Research Institute)		Fukui	Gen.	
*B-63	Off. of the Eng. Gen. Headqtrs, Far East Command (G.H.Q.)	The Fukui Earthquake, Hokuriku Region, Japan, June 28, 1948. vol. 1. Geology	1949	Fukui	Geology	
B-64	Off. of the Eng. G.H.Q.	The Fukui Earthquake, Hokuriku Region Japan, June 28, 1948, vol. 2. Damage. (G.H.Q.)	1949	Fukui	Damage	
B-65	Fukui-ken	Report on the Fukui Earthquake Disaster. (Fukui-ken).	19	Fukui	Gen.	
B-66	Dept. of Geol. & Mineralogy, Fac. of Sci. Hokkaido Univ.	Report on the Tokachi-oki Earthquake of March 4, 1952. (Faculty of Science, Hokkaido University)	1952	Tokachi-oki Srvy. Rep. (Seismological Dept., C.M.O.)	Dept. of Geology and Mineralogy	
B-67	Seismological Dept., C.M.O.	General Report on the Earthquake OFF Southeastern Kamchatka on Nov. 5, 1952.	1952	Kamchatka	Gen.	
B-68	Const. Div., Kyoto-fu	A Mail Poll on the Yoshino Earthquake Disaster: First Report (Con- struction Division, Kyoto-fu)	1952	Toshino	C.R.C.	Damage

No.	Author	Title	Date	Earthquake	Classi-	Notes
					fication	
B-69	Sendai Dist. Met. Observ.	General Report on the Earthquake in the Lower Region of the River Abukuma (around Shiroishi and Ohara). (Sendai District Meteorological Observatory)	1956	Shiroishi	Gen.	
B-70	Ryukyu Met. Observatory	Report on the Earthquake Off Northeastern Ishigakijima. (Ryukyu Meteorological Observatory)	1959	Ishigakijima	Gen.	
B-71	Sendai Dist. Met. Observ.	General Report on the Sanriku-oki Tsunami on Mar. 21, 1960. (Sendai District Meteorological Observatory)	1960	Snariku	Gen.	Tsunami
B-72	Invest. Com. of Dept. of Arch., Tohoku Univ.	Report on the Chilean Tsunami Disaster. (Part 1). (Dept. of Architecture, Tohoku University).	1960	Chilean	Tsu. Dam.	Tsu. Rep.
B-73	Third Dist. Port Const. Bur. Min. of Transp.	Report on the Chilean Tsunami (Part 1). (Bureau of Ports and Harbors, Ministry of Transportation).	1960	Chilean	Tsunmai	
B-74	Facilities Div. Morioka Railway Man. Bur.	Report on the Chilean Seismic Tsunami. (Facilities Div., Morioka Railway Management Bureau).	1960	Chilean	Tsunami	
B-75	The Arch. Inst. of Japan	Report on the Chilean Earthquake Tsunami Disaster: Tohoku Region. (The Architectural Institute of Japan)	1960	Chilean	Tsunami	Tsu. Rep.
B-76	Hokkaido Bran., The Arch. Inst. of Japan	General Report on the Chilean Earthquake Tsunami Damage of May 24, 1960: Hokkaido Region. (Hokkaido Branch, the Architectural Institute of Japan)	1960	Chilean	Tsu. Rep.	
B-77	Tokai Branch, Arch. Inst. of Japan	Report on the Chilean Earthquake Tsunami Disaster: East Coast of the Kii Peninsula. (Tokai Branch, Architectural Institute of Japan)	1960	Chilean	Tsu. Dam.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
B-78	Y. Yokoo	Report on the Chilean Earthquake Tsunami Disaster: Kinki and Shikoku Regions. (Kinki Branch, Architectural Institute of Japan)	1960	Chilean	Tsu. Dam.	The Disaster Prevention Research Institute Kyoto University
*B-79	Geographical Survey Inst., Min. of Const.	Report on the Survey of the Abnormal Tidal Waves, Tsunami, Caused by the Chilean Earthquakes on May 24, 1960. (Geographical Survey Institute, Ministry of Construction).	1961	Chilean	Tsunami	Geology
B-80	T. Takahashi	Report on the Chilean Tsunami of 1960. (Proc. 2nd World Conf. Earthquake Eng.)	1960	Chilean	Tsunami	
B-81	Hakodate Marine Met. Observ.	General Report on the Chilean Earthquake Tsunami. (Hakodate Marine Meteorological Observatory)	1960	Chilean	Tsunami	Tsu. Rep.
B-82	Sapporo Dist. Met. Observ.	General Report on the Chilean Earthquake Tsunami of May 24, 1960. (Sapporo District Meteorological Observatory).	1960	Chilean	Tsunami	Tsu. Rep.
B-83	Sendai Dist. Met. Observ.	Report on the Chilean Earthquake Tsunami of May 24, 1960. (Sendai District Meteorological Observatory)	1961	Chilean	Tsunami	Tsu. Rep.
B-84	Sendai Dist. Met. Observ.	Report on the Chilean Earthquake Tsunami of May 24, 1960. (Sendai District Meteorological Observatory)	1961	Chilean	Tsu. Dam.	
B-85	Nagoya Local Met. Observ.	General Report on the Chilean Earthquake Tsunami of May 24, 1960. (Nagoya Local Meteorological Observatory)	1960	Chilean	Tsunami	
B-86	Owase Weather Station	General Report on the Chilean Earthquake Tsunami that Damaged the Coast of Kumano-nada. (Owase Weather Station)	1960	Chilean	Tsunami	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
B-87	Osaka Dist. Met. Observ.	Prompt Report on the Chilean Earthquake Tsunami. (Osaka District Meteorological Observatory)	1960	Chilean	Tsunami	Tsu. Rep.
B-88	Fukuoka Dist. Met. Observ.	Report on the Chilean Earthquake Tsunami of May 24, 1960. (Fukuoka District Meteorological Observatory)	1960	Chilean	Tsunami	Tsu. Rep.
B-89	Miyazaki Local Met. Observ.	Report on the Chilean Earthquake Tsunami of May 24, 1960. (Miyazaki Local Meteorological Observatory)	1960	Chilean	Tsunami	Tsu. Rep.
B-90	Ryukyu Met. Observ.	Report on the Chilean Earthquake Tsunami Observed in Ryukyu.	1960	Chilean	Tsunami	Tsu. Rep.
B-91	Sendai Dist. Met. Observ.	General Report on the Earthquake in North Miyagi-ken on April 30, 1962. (Sendai District Meteorological Observatory)	1962	Miyagi-Kita Gen.		Miyagi-Kita Gen.
B-92	Tsugaru Weather Station	General Report on the Echizenmaki-oki Earthquake on March 27, 1963. (Tsugaru Weather Station)	1963	Echizenmaki- saki	Gen.	
B-93	Tajime Office, Dept. of Arch. Eng., Tokyo Metro. Univ.	Report on the Damage Resulting from the Niigata Earthquake (Part 1). (Tajime Off- ice, Department of Architectural Engineer- ing, Tokyo Metropolitan University)	1964	Niigata	Damage	Damage
B-94	Prof. Tajime's Office, Dept. of Geol. Arch. Eng., Tokyo Metro. Univ.	Report on the Damage Resulting from the Niigata Earthquake (Part 2. Liquefaction of the Sandy Ground). (Dept. of Architect- ural Engineering, Tokyo Metropolitan University.)	1964	Niigata	Damage	Damage
B-95	Fukada Office, Dept. of Geol. & Min., Niigata Univ.	Schematic Representation of the Ground Damage by the Niigata Earthquake (Scale: 1:3000). (Fukada Office, Department of Geology and Mineralogy, Niigata University)	1964	Niigata	Ground	Ground

No.	Author	Title	Date	Earthquake Classification	Notes
B-96	Jap. Nat. Comm. on Earthquakes	Niigata Earthquake of 1964. (Proc. 3rd World Conference on Earthquake Engineering)	1965	Niigata	Gen.
*B-97	Strong Motion Eqke. Observ. Comm.	Strong Motion Earthquake Records of the Niigata Earthquake, June 16, 1964. (Earthquake Research Institute)	1964	Niigata	Exp. Meas.
B-98	Ed. by Invest. Comm. on the Niigata Eqke. Disaster, Jap. Soc. of C. Eng.	Report on the Seismic Damage by the Niigata Earthquake, 1964. (Japan Society of Civil Engineers)	1966	Niigata	Damage
B-99	Architectural Inst. of Jap.	Report on the Niigata Earthquake Disaster. 1964 (Architectural Institute of Japan)	1964	Niigata	Damage
B-100	Architectural Inst. Of Japan	Research Report on Aseismic Design Code for Structures on the Soft Ground. (Architectural Institute of Japan)	1965	Niigata	Aseis. Des.
B-101	Kinki Branch, Arch. Inst. of Japan	Report on Building Damage due to the Niigata Earthquake. (Kinki Branch of the Architectural Institute of Japan)	1964	Niigata	Buil. Dam.
B-102	Light Steel Reinforced Buil. Constr. Soc. of Japan	Report on the Damage to Steel-framed Buildings: In Niigata, Yamagata and Akita. (Light Steel Reinforced Building Construction Society of Japan)	1964	Niigata	Buil. Dam.
B-103	K. Nakamura	On the Niigata Earthquake Tsunami. (Disaster Prevention Technology Research Institute, Tohoku University)	1966	Niigata	Tsunami
B-104	Sakata Weather Station	Report on the Niigata Earthquake.	1964	Niigata	Gen.
B-105	J. Tomizawa	General Survey of the Niigata Earthquake in Sakata.	1964	Niigata	Gen.
					Damage Separate Volume

No.	Author	Title	Date	Earthquake	Classification	Notes
B-106	Tech. Res. Lab., Central Res. Inst. of Elec. Power	Report on the Survey of Damage done by the Niigata Earthquake. (Central Research Institute of Electric Power)	1964	Niigata	Damage	
B-107		Estimation of the Niigata Earthquake Disaster by Aerial Photograph. (National Disaster Prevention Center)	1965	Niigata	Damage	
B-108	Railway Tech. Res. Inst., J.N.R.	Report on the Investigation of Bridges and Tunnels in the Coordinated Study on the Niigata Earthquake Disaster Prevention (Railway Technical Research Institute, J.N.R.)	1965	Niigata	Publ. Dam. by Request of N.R.C.O.D.P.	
B-109	Niigata Branch J.N.R.	Report on the Niigata Earthquake Disaster. 1964 (Niigata Branch, Japan National Railway)	1964	Niigata	Damage	
B-110	Ports and Harb. Bur., Ministry of Transporta- tion	Report on the Niigata Earthquake Tsunami. (Ports and Harbors Research Institute, Ministry of Transportation)	1964	Niigata	Tsunami	Tsu. Rep.
B-111	"	Report on the Damage to Ports and Harbors by the Niigata Earthquake. (Ports and Har- bors Research Institute, Ministry of Transportation)	1964	Niigata	Publ. Dam.	
B-112	"	Report on the Damage to Ports and Harbors by the Niigata Earthquake (Part 2). (Ports and Harbors Research Institute, Ministry of Transportation)	1965	Niigata	Publ. Dam. Aftershock	
B-113	Ninth Region. Mari. Safety Headqtrs., Mari. Safety Agencies	Disaster Prevention against the Earth- quakes in Niigata.	1964	Niigata	Damage	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
B-114	Geographical Survey Inst., M.O.C.	Report on the Niigata Earthquake Disaster (Geographical Survey Institute, Ministry of Construction).		1965	Niigata	Damage with 4 Figs.
B-115	Geographical Survey Inst., M.O.C.	Prompt Report on the Leveling Survey of the Ground Movement in the Niigata Region. (Geographical Survey Institute, Ministry of Construction)	1965	Niigata	Lev. & Tri. Crst. Mvmt.	
B-116	"	Report on the Leveling Survey of the Ground Movement in the Niigata Region: the Movement of the First and Second Class Bench Marks, etc. (Geographical Survey Institute, Ministry of Construction)	1964	Niigata	Lev. & Tri. Crst. Mvmt.	
B-117	"	Report on the Leveling Survey of the Ground Movement in the Niigata Region: Movement of the First and Second Class Bench Marks, etc. (Geographical Survey Institute, Ministry of Construction).	1964	Niigata	Lev. & Tri. Crst. Mvmt.	
B-118	"	Report on the Leveling Survey of the Ground Movement in the Niigata Region: Movement of the First and the Second Class Bench Marks, etc. (Geographical Survey Institute, Ministry of Construction)	1966	Niigata	Lev. & Tri. Crst. Mvmt.	
B-119	"	Report on the Leveling Survey of the Ground Movement in the Niigata Region: Movement of the First and the Second Class Bench Marks, etc. (Geographical Survey Institute, Ministry of Construction).	1966	Niigata	Lev. & Tri. Crst. Mvmt.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
B-120	Geographical Survey Inst., M.O.C.	Report on the Leveling Survey of the Ground Movement in the Niigata Region: Movement of the First and the Second Class Bench Marks, etc. (Geographical Survey Institute, Ministry of Construction)	1967	Niigata	Lev. & Tri. Crst. Mvmt.	
B-121	Kanto Regional Constr. Bureau, M.O.C.	Report on the Niigata Earthquake Disaster. (Kanto Regional Construction Bureau, Ministry of Construction)	196	Niigata	Buil. Dam.	
B-122	Hokuriku Reg. Const. Bureau, M.O.C.	Damage to the National Highways by the Niigata Earthquake. (Hokuriku Regional Construction Bureau, M.O.C.)	1964	Niigata	Publ. Dam.	
B-123	"	Report on the Niigata Earthquake Disaster. (Hokuriku Regional Construction Bureau, Ministry of Construction)	1964	Niigata	Damage	
B-124	"	Report on the Damage to Rivers by the Niigata Earthquake. (Hokuriku Regional Construction Bureau, Ministry of Construction).	1964	Niigata	Publ. Dam.	
B-125	Niitsu Constr. Off., Hokuriku Constr. Bur., M.O.C.	Damage to Embankments Resulting from the Niigata Earthquake: Agano River. (Niitsu Construction Office, Hokuriku R.C.B.)	1964	Niigata	Publ. Dam.	
B-126	Sakata Constr. Off., Tohoku Reg. Constr. Bur., M.O.C.	Report on the Niigata Earthquake Disaster: Lower Region of the Mogawi River.	1965	Niigata		
B-127	"	Photographs of the Niigata Earthquake Disaster.		Niigata	Damage	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
B-128	Petroleum Dept., M.O.I.T.I.	On-site Investigation Report on the Niigata Earthquake Disaster. (Petro- leum Dept., Ministry of International Trade and Industry)	1964	Niigata	Damage	Damage
B-129	Publ. Util. Dept., Sendai Reg. Bur. of Int. Trade & Ind., M.O.I.T.I.	Report on the General Survey of Damage Resulting from the Niigata Earthquake. (Public Utilities Department, Sendai Regional Bureau of International Trade Ind., M.O.I.T.I. Industry, M.O.I.T.I.)	1964	Niigata	Damage	Damage
B-130	Min. of Agr. and Forestry	Report on the Land Subsidence in Niigata. (Ministry of Agriculture and Forestry).	1964	Niigata	Ground Gen.	Gen.
B-131	Niigata-ken	Report on the Niigata Earthquake: Earth- quake Occurrence and Emergency Counter- measures. (Niigata-ken)	1965	Niigata	Publ. Dam.	Publ. Dam.
B-132	Dept. of Publ. Works, Niigata- ken	The Niigata Earthquake: Photograph Album of the Damage to Public Works Structures. (Dept. of Public Works, Niigata-ken)	1965	Niigata	Publ. Dam.	Publ. Dam.
B-133	Fishery Sect. Niigata-ken	Photographs of the Damage to Fishery Facilities by the Niigata Earthquake. (Fishery Section, Niigata-ken)	19	Niigata	Damage	Damage
B-134	Dept. of Farm Land Constr., Niigata-ken	The Niigata Earthquake and the Disaster to Agricultural Lands. (Section of Farm- Land Construction, Niigata-ken)	1964	Niigata	Damage	Damage
B-135	Niigata-ken	Photographs of the Damage to the Yamanoshita Industrial Water Supply System (Niigata-ken).	1964	Niigata	Publ. Dam.	Publ. Dam.
B-136	Niigata-ken	The Niigata Earthquake Damage to the Yamanoshita Industrial Water Supply Sys- tem and its Repair Work. (Enterprise Bureau, Niigata-ken)	1964	Niigata	Publ. Dam.	Publ. Dam.

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
						fixation
B-137	Niigata-ken	Damage to the Niigata Prefecture Industrial Water Supply System by the Niigata Earthquake, June 16, 1964. (Enterprise Bureau, Niigata-ken)	1964	Niigata	Publ. Dam.	
B-138	Niigata-shi	Report on the Niigata Earthquake. (Niigata-shi)	1966	Niigata	Damage	Gen.
B-139	Yamagata-ken Dis. Relief Head Office	Report on the Earthquake Disaster of 1964. (Yamagata-ken Disaster Relief Head Office)	1964	Niigata	Damage	Gen.
B-140	Tsuruoka-shi, Yamagata-ken	Report on the Niigata Earthquake, (Stress 1965 on Tsuruoka-shi) (Tsuruoka-shi, Yamagata-ken)	1965	Niigata	Gen.	
B-141	Murakami-shi	Schematic Representation of the Damage in Murakami-shi by the Niigata Earthquake. (Murakami-shi)		Niigata	Damage	
B-142	"	Report on the Niigata Earthquake Disaster of June 16 and Its Relief. (Murakami-shi)	1964	Niigata	Damage	
B-143	"	Photographs of the Niigata Earthquake Damage in Murakami-shi. (Murakami-shi)	1964	Niigata	Damage	
B-144	Sakata-shi	Records of the Niigata Earthquake Disaster in Sakata-shi. (Sakata-shi)	1966	Niigata	Damage	
B-145	Shinetzu Telecom. Bur. Nip. Teleg. & Telep. Publ. Corp.	The Niigata Earthquake Disaster. (Shin-ett-1965 su Telecommunications Bureau, Nippon Telegraph and Telephone Public Corporation)	1965	Niigata	Damage	
B-146	Tohoku Elec. Power Co., Ltd.	Report on the Niigata Earthquake Disaster. (Tohoku Electric Power Co., Ltd.)	1964	Niigata	Damage	

No.	Author	Title	Date	Earthquake	Classi-	Notes
B-147	Hokuriku Gas Co., Ltd.	Damage to the Niigata Business Office by the Niigata Earthquake of June 16, 1964 and its Restoration Work: Part 1. (Hokuriku Gas Co., Ltd.)	1964	Niigata	Damage	
B-148	"	Damage to the Niigata Business Office by the Niigata Earthquake of June 16, 1964 and its Restoration Work: Part 2. (Hokuriku Gas Co., Ltd.)	1964	Niigata	Damage	
B-149	Eng. Works Div., Hokuriku Gas Co., Ltd.	Earthquake Damage to the Niigata Business Office and its Restoration Work. (Hokuriku Gas Co., Ltd.)	1964	Niigata	Damage	
B-150	Fujikura Elec. Wire Co., Ltd.	Damage to OF Cable by the Niigata Earthquake and its Countermeasure. (Fujikura Electric Wire Co., Ltd.)	1964	Niigata	Damage	
B-151	Steel Pipes Res. Div., Kubota Iron-works Co., Ltd.	On the Damage by the Niigata Earthquake to the Water Circulation Piping System (with 1500 φ Ductile Pipes) in the Niigata Steam-power Plant, Tohoku Electric Power Co., Ltd. (Kubota Ironworks Co., Ltd.)	1964	Niigata	Publ. Dam.	
B-152	"	Survey Report of the Damage by the Niigata 1964 Niigata Earthquake to the Water and Gas Piping Systems (Kubota Ironworks Co., Ltd.)			Publ. Dam.	
B-153	Spec. Struct. Res. Lab., Nippon Steel Pipes Co., Ltd.	Prompt Report on the Seismic Damage due to the Niigata Earthquake and Related Technical Notes. (Nippon Steel Pipes Co., Ltd.)	1964	Niigata	Damage	
B-154	Photographic Art Print. Div., Hakushin-do Co.	Photograph Album of the Niigata Earthquake of June 16, 1964. (Hakushin-do Co., Ltd.)		Niigata	Others	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
B-155	Niigata Daily News Press, Inc.	Records on the Niigata Earthquake: The Half-Month Struggle Against Nature. (Niigata Daily News Press, Inc.)	1964	Niigata	Gen.	
B-156	Shinano-Mainichi Newspaper Press	The Matsushiro Earthquake. (The Shinano-Mainichi Newspaper Press)		Matsushiro	Gen.	

No.	Author	Title	Date	Earthquake	Classification	Notes
<u>THE GEOLOGICAL MAGAZINE OF KAMI-MIZUCHI-GUN, Nagano-ken</u>						
C-1	S. Yagi	The Zenkohji Earthquake.	1958	Zenkohji	Gen.	
C-2	S. Yagi	Lightning due to the Zenkohji Earthquake.	1958	Zenkohji	Lightning	
C-3	S. Yagi	Continuous Ground Movement Following the Zenkohji Earthquake.	1958	Zenkohji	Crst. Mvt.	
C-4	S. Yagi	The Nagano Earthquake.	1958	Nagano	Gen.	
C-5	S. Yagi	The Furuma Earthquake.	1958	Furuma	Gen.	
<u>EARTHQUAKE RESEARCH REPORT OF WAKAYAMA-KEN, Wakayama-ken</u>						
C-6	K. Taguchi	Study on the Great Ansei Earthquake Tsunami Based on Ancient Documents.	1939	Ansei	Tsunami	
<u>REPORT ON THE GREAT EARTHQUAKE OF OCTOBER 28, IN THE 24TH YEAR OF THE MEIJI ERA (1891), Gifu Weather Station</u>						
C-7	F. Ohmori	General Survey of the Nohbi Earthquake.	1894	Nohbi (1891)	Gen.	
C-8	F. Ohmori	General Report on the Nohbi Earthquake (Part II. Aftershocks).	1894	Nohbi (1891)	Aftershock	
<u>PROCEEDINGS OF THE 5TH PACIFIC SCIENTIFIC CONGRESS, University of Toronto</u>						
*C-9	K. Muto	Earth Movements in the Mino-Owari District since the Great Earthquake of 1891.	1934	Nohbi	Crst. Mvt.	

No.	Author	Title	Date	Earthquake Classification	Notes
<u>PROCEEDINGS OF THE 3RD PAN-PACIFIC SCIENTIFIC CONGRESS</u>					
* C-10	N. Yamasaki	Physiographical Studies of the Kanto .	1928	Kanto	Gen.
<u>SURVEY REPORT OF THE GREAT KANTO EARTHQUAKE IN THE 12TH YEAR OF THE TAISHO ERA (1923) , Japenes Society of Civil Engineers.</u>					
C-11		Vol. 1. River, Irrigation, Erosion Control and Torrential Improvement, Canal and Harbor ; Civil Engineering Works for Electricity.	1926	Kanto	Publ. Dam.
C-12		Vol. 2. Water Supply System, Sewerage and Gas-piping Works; Railways and Tramways.	1927	Kanto	Publ. Dam.
C-13		Vol. 3. Bridge Structures and Buildings; 1927 Road.	1927	Kanto	Publ. Dam. Buil. Dam.
<u>SCIENTIFIC JAPAN: PAST AND PRESENT</u>					
* C-14	A. Imamura	The Great Earthquake of Southeastern Japan on Sept. 1, 1923.	1926	Kanto	Gen.
<u>TOPOGRAPHICAL SWIRL, GROUND FISSURE AND EARTHQUAKES, Kokin Shoin</u>					
C-15	S. Fujiwara	Topographical Swirl and the Great Earthquake in Sagami-nada.	1932	Kanto	Cause
C-16	S. Fujiwara	Cause of the Great Earthquake in Sagami-nada.	1932	Kanto	Cause

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
C-17	S. Fujiwara	The Kita-Tango Earthquake and Experiments of Fissure.	1932	Tango	Cause	Fault
C-18	S. Fujiwara	Research on Fissure and the Kita-Izu Earthquake.	1932	Izu	Cause	Fault
<u>GEOLOGICAL FEATURES IN THE KANTO DISTRICT RECENT ADVANCES IN SEISMOLOGY,</u> Chuho-kan						
C-19	H. Fujimoto	The Great Kanto Earthquake.	1932	Kanto	Gen.	
<u>THE RECENT SEISMOLOGY,</u> Osaka Daily News Press						
C-20	M. Matsuyama	Characteristics of the Great Kanto Earthquake.	1925	Kanto	Gen.	
C-21	M. Matsuyama	Study on the Great Tajima Earthquake.	1925	Tajima	Gen.	
<u>NEW INTERPRETATION OF GEOLOGICAL PHENOMENA</u>						
C-22	T. Ogawa	Study on the Kanto Earthquake.	1929	Kanto	Gen.	
C-23	T. Ogawa	Study on the Tango Earthquake.	1929	Tango	Gen.	
<u>REGIONAL GEOGRAPHICAL FEATURES OF JAPAN: KANTO DISTRICT,</u> Asakura Shoten						
C-24	H. Fujimoto	The Great Kanto Earthquake.	1951	Kanto	Gen.	
<u>GEOLOGICAL FEATURES OF CENTRAL SHINANO DISTRICT,</u> Kokin Shoin						
C-25	F. Homma	The Relationship between the Hot Springs in the Ogata District and the Kanto Earthquake.	1931	Kanto		

No.	Author	Title	Date	Earthquake	Classifi- cation	Notes
<u>REPORTS ON RAILWAY DISASTERS IN THE 13TH AND 14TH YEARS OF THE TAISHO ERA, Ministry of Railways</u>						
C-26		The Earthquake which Occurred near the Toyooka Station and the Kizaki Station of the San-in Line.	1928	Tajima	Gen.	
<u>REPORTS ON RAILWAY DISASTERS IN THE FIRST AND SECOND YEARS OF THE SHOWA ERA, Ministry of Railways</u>						
C-27		Earthquake Disaster in Oku-Tango.	1930	Tango	Damage	
<u>GREAT EARTHQUAKES, London</u>						
*C-28	C. Davison	The Tango Earthquake: March 7, 1927.	1939	Tango	Gen.	
<u>REPORT ON THE KITA-IZU EARTHQUAKE, Numazu Weather Station</u>						
C-29	T. Ide	Survey Report on Mishima, Ohba, Nirayama and Nagaoka.	1931	Izu	Surv. Rep.	
C-30	M. Katsumata	Survey Report on the East Coast of Izu.	1931	Izu	Surv. Rep.	
C-31	T. Ide	Survey Report on Ohmi-mura and Nakakano-mura.	1931	Izu	Surv. Rep.	
C-32	K. Kurashige	Survey Report on the District Shaken by the Kita-Izu Earthquake.	1931	Izu	Surv. Rep.	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
<u>GENERAL REPORT ON THE KAWACHI-YAMATO EARTHQUAKE OF FEB. 21, 1936, Central Meteorological Observatory</u>						
C-33	K. Wadauchi	Survey Report on the Areas Strongly Shaken by the Kawachi-Yamato Earthquake.	1936	Kawachi-Yamato	Srvy. Rep.	
<u>INVESTIGATION REPORT ON THE NAGANO STRONG EARTHQUAKE OF JULY 15, 1941, Central Meteorological Observatory</u>						
C-34	K. Honda	Survey Report on the Areas Strongly Shaken by the Nagano Earthquake.	1941	Nagano	Srvy. Rep.	
<u>REGIONAL GEOGRAPHIC FEATURES OF JAPAN: SHIKOKU DISTRICT, Asakura Shoten</u>						
C-35	T. Kobayashi	The Relationship between the Recent Upheaval and Subsidence of Tosa Bay and the Nankai Earthquake.	1950	Nankai	Sub. & Uph.	
<u>STUDIES ON OCEANOGRAPHY, DEDICATED TO PROF. HIDAKA IN COMMEMORATION OF HIS SIXTIETH BIRTHDAY</u>						
*C-36	I. Isozaki	The Numerical Computation of the Tsunami in ... (unknown in original)	1964	Chilean	Tsunami	
<u>GEOPHYSICAL PAPERS DEDICATED TO PROF. KENZO SASSA</u>						
*C-37	H. Higuchi	On the Behavior of the Chilean Tsunami in the Seto Inland Sea.	1963	Chilean	Tsunami	

No.	Author	Title	Date	Earthquake	Classification	Notes
<u>LECTURE NOTES ON DISASTER PREVENTION, National Disaster Prevention Association</u>						
C-38	K. Horikawa	The Chilean Earthquake and the Subsequent Tsunami.	1961	Chilean	Tsunami	
<u>REPORT ON THE CHILEAN TSUNAMI OF MAY 24, 1960, Miyagi-ken</u>						
C-39	Y. Kato	On the Chilean Earthquake Tsunami.	1960	Chilean	Tsunami	
C-40	T. Saito	Report on the Tsunami in Kesen-numa Bay.	1961	Chilean	Tsunami	
C-41	I. Kamei	The Distribution of Inundated Water and the Damaging Effect on Buildings in the Urban Area.	1961	Chilean	Tsunami	
C-42	I. Kato	Report on the Chilean Earthquake Tsunami.	1961	Chilean	Tsunami	
C-43	Y. Kato	Survey Report on the Districts Damaged by the Chilean Earthquake Tsunami.	1961	Chilean	Tsu. Rep.	
C-44	T. Iwasaki	Damage to Public Works along the Sanriku Coast by the Chilean Tsunami and Some Preventive Measures against Tsunami Disaster.	1961	Chilean	Tsu. Dam.	
<u>DISASTER IN OHFUNATO BY THE CHILEAN TSUNAMI OF 1960, Ohfunato-shi</u>						
C-45	Y. Kato	Survey Report on the Areas Damaged by the Chilean Earthquake.	1962	Chilean	Tsu. Rep.	
C-46	H. Fukui	The Sanriku Tsunami Induced by the Chilean Earthquake.	1962	Chilean	Tsunami	

No.	Author	Title	Date	Earthquake	Classification	Notes
C-47	K. Tanabe	Characteristics of the Damage to Harbors in the Sanriku Coastal Region due to the Chilean Tsunami.	1962	Chilean	Tsu. Dam.	
C-48	M. Sho	On the Damage to Housing.	1962	Chilean	Tsu. Dam.	Buil. Dam.
C-49	S. Tsuruta	Various Measures for Disaster Prevention.	1962	Chilean	Dis. Prev.	
C-50	Soc. for the Study of the Tohoku Devel.	Synthetic Study.	1962	Chilean	Gen.	Tsunami

NOTES ON THE ABNORMAL WEATHERS, Kohchi Local Meteorological Observatory

C-51	Kohchi Local Met. Observ.	The Tsunami Induced by the Chilean Earthquake.	1960	Chilean	Tsunami	
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REPORT ON THE ABNORMAL WEATHER IN THE 36TH YEAR OF THE SHOWA ERA (1961), No. 1., Miyazaki Local Meteorological Observatory

C-52	Miyazaki Local Met. Observ.	Report on the Hyuga-nada Earthquake.	1961	Hyuganada	Gen.	
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SURVEY REPORT OF THE EARTHQUAKE-INDUCED TSUNAMI, NO. 1, Sendai District Meteorological Observatory

C-53	Sendai Dist. Met. Observ.	Survey Report of the Earthquake-Induced Tsunami: The Off-Iturup Earthquake Induced Tsunami of 1963.	1963	Iturup	Gen.	Tsunami
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No.	Author	Title	Date	Earthquake	Classi- fication	Notes
PROMPT REPORT ON THE EARTHQUAKE-INDUCED TSUNAMI						
C-54	Sendai Dist. Met. Observ.	The Off-Iturup Earthquake-Induced Tsunami of 1963.	1963	Iturup	Gen.	Tsunami

SURVEY REPORT OF THE EARTHQUAKE-INDUCED TSUNAMIS IN THE 39TH YEAR OF THE SHOWA ERA (1964), SENDAI  
METEOROLOGICAL OBSERVATORY, Sendai District Meteorological Observatory

C-55	Sendai Dist. Met. Observ.	On the Tsunami which Occurred in the Southern Part of Alaska and Struck Japan around 19:30 on March 28, 1964.	1964	Alaska	Tsunami
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PROCEEDINGS OF THE SECOND SYNTHETIC LECTURE MEETING ON THE DISASTER SCIENCE

C-56	T. Kanakubo	On the Niigata Earthquake with Special Emphasis on the Relationship between Damage and the Ground Condition.	1965	Niigata	Damage	Ground
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INVESTIGATION REPORT IN 1964 OF THE JAPAN SOCIETY OF SOIL MECHANICS AND FOUNDATION ENGINEERS, The  
Japan Society of Soil Mechanics and Foundation Engineers.

C-57		Investigation of the Method for Soil Characteristics Exploration of the Soft Ground in the Coordinated Study of the Niigata Earthquake Disaster Prevention.	19	Niigata	Ground	Geology
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C-58	A. Mogi	<u>REPORTS ON THE NIIGATA EARTHQUAKE</u> , Hydrographic Department, Maritime Safety Agency Movement of the Sea Bottom around Awashima Following the Niigata Earthquake.	1965	Niigata	Crst. Mvmt.
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No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
C-59	S. Utashiro	Geomagnetic Change Accompanying the Niigata Earthquake.	1965	Niigata	Cur. & Mag.	

REPORT ON THE GROUND MOVEMENT CAUSED BY THE NIIGATA EARTHQUAKE ON JUNE 16, 1964, Geographical Survey Institute, Ministry of Construction

C-60 M. Tajima Abnormal Distribution of Secular Change in of Geomagnetism in Japan, especially in the Niigata District.

PROMPT REPORT ON THE EARTHQUAKE-INDUCED TSUNAMIS IN 1964, SENDAI METEOROLOGICAL OBSERVATORY, No. 1.  
Sendai District Meteorological Observatory

C-61 Sendai Dist. The Tsunami Induced by the Niigata Met. Observ. Earthquake.

SURVEY REPORT OF THE EARTHQUAKE-INDUCED TSUNAMIS IN THE 39TH YEAR OF THE SHOWA ERA (1964),  
SENDAI METEOROLOGICAL OBSERVATORY, No. 2., Sendai District Meteorological Observatory

C-62 Sendai Dist. The Tsunami Induced by the Niigata Met. Observ. Earthquake.

SURVEY REPORT ON THE ABNORMAL WEATHER IN 1964, No. 3., Tokyo District Meteorological Observatory

C-63 Tokyo Dist. Report on Earthquakes and Tsunamis: The Niigata Earthquake on June 16, 1964. 1964 Niigata Gen. Tsunami

No.	Author	Title	Date	Earthquake	Classifi-	Notes
<u>GUIDELINES FOR EDUCATION ON DISASTER PREVENTION (40th YEAR OF THE SHOWA ERA, 1965)</u>						
C-64	S. Hazama	On the Damage to Educational Facilities.	1966	Niigata	Buil. Dam.	
C-65	N. Takeuchi	Memoirs of the Technical Research Committee on the Niigata Earthquake.	1966	Niigata	Buil. Dam.	

STUDY ON THE FIRE DISASTER CAUSED BY THE NIIGATA EARTHQUAKE: EMERGENCY COUNTERMEASURES AGAINST FIRE,  
EDITED BY THE FIRE DEFENSE BOARD, National Press on Addition and Exclusion of Laws and Ordinances

C-66	I. Inoue	Earthquakes and Fires.	1965	Niigata	Fire	
C-67	K. Togawa	On the Evacuation Procedure in the Event of an Earthquake.	1965	Niigata	Others	
C-68	K. Izeki	Geological Study on the Niigata Earthquake. 1965	1965	Niigata	Geology	
C-69	K. Izeki	Fundamental Measures for the Earthquake Disaster Prevention.	1965	Niigata	Dis. Prev.	
<u>FALL MEETING OF THE JAPAN SOCIETY FOR FIRE SCIENCE, 1964.</u> The Japan Society for Fire Science						
C-70	K. Kamei	Fire Following the Niigata Earthquake.	1964	Niigata	Fire	
C-71	R. Arai	Report on the Disaster Caused by the Niigata Earthquake (Part 1. Fire of the Niigata Oil Factory, Showa Sekiya Co., Ltd.).	1964	Niigata	Fire	

No.	Author	Title	Date	Earthquake Classification	Notes
C-72	Y. Hosono	Report on the Disaster due to the Niigata Earthquake (Part 2. Damage to the Fire-Service Arrangement).	1964	Niigata	Damage
ANNUAL REPORT OF THE RESEARCH INSTITUTE OF THE SHIMIZU CONSTRUCTION CO., LTD., Shimizu Construction Co., Ltd.					
C-73	H. Yamahara	A Consideration of the Niigata Earthquake.	1965	Niijima	Gen.
<u>PROMPT REPORT ON THE EARTHQUAKE</u>					
C-74	Ohshima Weather Sta.	The Earthquake Swarm in the Northern Part of the Izu Islands in Dec., 1964.	1965	Niijima	Gen.
<u>REPORTS ON THE ABNORMAL WEATHER IN 1965, No. 2., Sendai District Meteorological Observatory</u>					
C-75	Sendai Dist. Met. Observ.	Report on Tsunami: The Tsunami in the Midst of the Aleutian District which struck Japan around 18:00 on February 4, 1965.	1965	Tsu. Dam.	Tsu. Dam.
<u>REPORTS ON THE ABNORMAL WEATHER IN 1966, Nagano Local Meteorological Observatory, Tokyo District Meteorological Observatory</u>					
C-76	Tokyo Dist. Met. Observ.	Report on Earthquakes: The Swarm Earthquakes in Matsushiro-shi, Nagano-ken since August, 1965.	1966	Matsushiro	Gen.
C-77	"	Report on Earthquakes: The Swarm Earthquakes (Part 2. Jan. 21, to June 30, 1966).	1966	Matsushiro	Gen.

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
<u>FILMS</u>						
D-1		The Great Earthquake Disaster in the Metropolis, Tokyo, on Sept. 1, 1923. (35mm, Silent, Two Reels).		Kanto	Others	
D-2		The Kita-Izu Earthquake Disaster. (35mm, Silent, Two Reels).		Izu	Others	
D-3	Niigata Daily News Press	The Niigata Earthquake. (16mm, One half-hour Reel).		Niigata	Others	
<u>AERIAL PHOTOGRAPHS</u>						
D-4		Aerial Photographs Related to the Niigata Earthquake.		Niigata	Others	
<u>OTHERS (UNDER INVESTIGATION)</u>						
1	Land Survey Department	Measurement of the Vertical Ground Movement in the Region Shaken by the Nohbi Earthquake of 1891.	1907	Nohbi (1891)	Sub. & Upb.	
2	Police Dept., Aichi-ken	Record of the Earthquake Disaster on October 28, 1891.	1892	Nohbi (1891)	Gen.	
3	C. Umehara	Record of the Shin-u Earthquake Disaster. 1891			Gen.	

No.	Author	Title	Date	Earthquake	Classification	Notes
4	M. Morishima	The Real Condition of the Nohbi Earthquake Disaster.	1891	Nohbi (1891)	Gen.	
5	T. Wattanabe	Outline of the Earthquake Disaster in Yamagata-ken.	1895	Shohnai	Damage	
6	T. Sato	Survey Report on the Earthquake Disaster in the Shohnai District in the Meiji Era.	1895	Shohnai	Gen.	
7	Invest. Off. of the Ryo-U Eqke. Disaster	Record of the Devastatingly Disastrous Ryo-U Earthquake. (with an Appendix on the Earthquake Record in Japan)	1894	Shohnai	Gen.	
8	Host of the Kakusei-sha	Record of the Great Shohnai Earthquake in the Meiji Era.	1894	Shohnai	Gen.	
9		Summary Table of the Disaster in the Coastal Region of Iwate-ken by the Sanriku Tsunami.	1896	Sanriku (1896)	Tsunami	
10	Land Survey Department	Anomalous Tidal Levels at the Tohoku Coast of the Japan Sea in the Event of Recent Tsunamis (in English)	1896	Sanriku (1896)	Tsunami	
11	Ishinomaki Weather Sta.	Report on the Rikuzen Earthquake of May 12, 1900.	1900	Rikuzen	Gen.	
12	Shiga-ken	Records of the Earthquake Disaster Relief in Shiga-ken.	1912		Damage	
13	Kobe Weather	Report on the Earthquake of Nov. 26, 1916.	1917	Akashi	Gen.	
14	Nagasaki Weather Sta.	Brief Report on the Earthquake in the Chichiishi-Nada, Bizen-no-kuni.	1923	Shimabara	Gen.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
15	Kyoto-fu	The Oku-Tango Earthquake Disaster.	1928	Tango	Gen.	
16	Wakayama Local Met. Observ.	Report on the Earthquake in the Lower Aritagawa.		Aritagawa	Gen.	
17	Morioka Local Met. Observ.	Report on the Sanriku Tsunami.	1933	Sanriku (1933)	Tsunami	
18	Fukui-ken	General Survey on the Great Earthquake Disaster on June 28, 1948.		Fukui	Damage	
19	Publ. Work Div., Elec. Pow. Tech. Research Inst.	Survey Report on the Damage due to the Tokachi-oki Earthquake.				Tokachi-oki Damage
20	Sapporo Dist. Met. Observ.	General Report on the Tokachi-oki Earthquake.	1952	Tokachi-oki	Gen.	
21	"	The Seismic Intensity Distribution of the Tokachi-oki Earthquake.				
22	Kushiro Railway Manage. Bur.	General Report on the Damage Resulting from the Tokachi-oki Earthquake.	1952	Tokachi-oki	Others	
23	Maintenance Dept., Hokkaido Elec. Com. Bur.	Survey Report on the Earthquake on Mar. 4, 1952: The Dohto District, namely, Hidaka, Tokachi and Kushiro Districts.				Tokachi-oki Damage
24	Const. Div., Hokkaido	General Survey of Building Damage Fol- lowing the Tokachi-oki Earthquake.	1952	Tokachi-oki	Buil. Dam.	
25	Sapporo Railway Manage. Bur.	Report on the Damage by the Tokachi-oki Earthquake in the Region under the Jurisdiction of the Sapporo Railway Management Bureau,	1952	Tokachi-oki	Dam age	

No.	Author	Title	Date	Earthquake	Classifi-	Notes
					cation	
26	Dept. of Railway Eng., Hokkaido University	Sketch Map of the Earthquake Damage to the Main Railway Lines under the Jurisdiction of the Kushiro Railway Management Bureau.	1952	Tokachi-oki	Publ. Dam.	
27	Y. Sakai	Prompt Survey Report on the Tokachi-oki Earthquake Disaster.	1952	Tokachi-oki	Srvy. Rep.	
28	Y. Sakai	Prompt Survey Report on the Tokachi-oki Earthquake Disaster (second Report).	1952	Tokachi-oki	Srvy. Rep.	
29	S. Kon	Photograph Album of the Tokachi-oki Earthquake Damage to the Bridge Structures under the Jurisdiction of the Hidaka Railway Management Bureau.	1952	Tokachi-oki	Publ. Dam.	
30	T. Sakai	Prompt Report on Silo Damage around Okeda-cho due to the Tokachi-oki Earthquake.	1952	Tokachi-oki	Damage	
31	T. Sakai	Prompt Report on the Tokachi-oki Earthquake.	1952	Tokachi-oki	Srvy. Rep.	
32	Dept. of Geol., Hokkaido Univ.	Prompt Report on the Tokachi-oki Earthquake.	1952	Tokachi-oki	Srvy. Rep.	
33	Dept. of Arch., Hokkaido Univ.	General Report on the Tokachi-oki Earthquake (Part 2).	1952	Tokachi-oki	Srvy. Rep.	
34	Dept. of Arch., Hokkaido Univ.	General Report on the Damage done by the Tokachi-oki Earthquake (Part 1).	1952	Tokachi-oki	Srvy. Rep.	
35	Morioka Local Met. Observ.	On the Tsunami Following the Earthquake which Occurred off the Southeastern Part of the Kamchatka Peninsula.	1953	Kamchatka	Tsu. Rep.	

No.	Author	Title	Date	Earthquake	Classi- fication	Notes
36	Morioka Local Met. Observ.	General Report on the Chilean Earthquake- Induced Tsunami in Iwate-ken.	1960	Chilean	Tsunami	
37	Tokushima Local Met. Observ.	General Report on the Chilean Earthquake- Induced Tsunami.	1960	Chilean	Tsunami	
38	Asian Aerial Survey Co., Ltd.	Aerial Photographs of the Chilean Tsunami.	1960	Chilean	Tsunami	
39	Gen. Affairs Div., Niigata-ken	On the Nagaoka Earthquake as Surveyed February 25, 1961.		Nagaoka	Gen.	
40	Tohoku Bran. Jap. Nat. Railway	General Survey of the Earthquake Disas- ter: The Earthquake in the Northern Part of Miyagi-ken.	1962	Miyagi-kita	Damage	
41	Const. & Maint. Div., Kanazawa Rail.	General Survey of the Earthquake Disaster.		Echizen- misaka	Damage	
42	Res. Lab., Toda-gumi Co., Ltd.	Report on the Niigata Earthquake.	1964	Niigata	Srvy. Rep.	Report No. 5
43	A. Yagi	Geological Report by the Teikoku Sekiyu Co., Ltd: On the Gravity Value after the Niigata Earthquake.		Niigata	Gravity	
44	Niigata Nat. Rds. Constr. Off., Min. of Construction	Plane Figure indicating the Result of the Investigation of the Road Foundation in the Region Shaken by the Niigata Earth- quake.		Niigata	Ground	Damage