



CANADA

DEPARTMENT OF ENERGY, MINES AND RESOURCES  
OBSERVATORIES BRANCH

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**PUBLICATIONS**

OF THE

**Dominion Observatory**

**OTTAWA**

**Volume XXII**

**BIBLIOGRAPHY OF SEISMOLOGY**

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January - June, 1957

BY

W. E. T. SMITH

EDMOND CLOUTIER, C.M.G., O.A., D.S.P.,  
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
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# Bibliography of Seismology

January to June, 1957

## LIST OF JOURNALS

The following list gives the titles of publications regularly searched for items to be entered in the *Bibliography of Seismology*.

Authors whose articles in seismology are published elsewhere, and readers noting articles of interest to seismologists in journals not listed below, are invited to collaborate in the preparation of the *Bibliography* by forwarding the necessary information about the papers to the Dominion Astronomer, Dominion Observatory, attention Seismological Division, Department of Mines and Technical Surveys, Ottawa, Canada.

The assistance of collaborators will be acknowledged in the text. Collaborators' report forms will be forwarded to interested persons on request.

<i>Advancement of Science</i>	London
<i>Advances in Physics</i>	London
<i>American Journal of Science</i>	New Haven
<i>Anales del Institute de Geofisica</i>	Mexico
<i>Annales de Géophysique</i>	Paris
<i>Annali di Geofisica</i>	Rome
<i>Annotated Bibliography of Economic Geology</i>	Urbana
<i>Arkiv för Geofysik</i>	Stockholm
<i>Australian Journal of Physics</i>	Melbourne
<i>Boletín del Centro de Documentación Científica y Técnica</i>	Mexico
<i>British Journal of Applied Physics</i>	London
<i>Bulletin Géodésique Internationale</i>	Paris
<i>Bulletin of the Earthquake Research Institute of Tokyo University</i>	Tokyo
<i>Bulletin of the Geographical Survey Institute</i>	Chiba
<i>Bulletin of the Geological Society of America</i>	New York
<i>Bulletin of the Seismological Society of America</i>	Berkeley
<i>Canadian Geophysical Bulletin</i>	Ottawa
<i>Disaster Prevention Research Institute Bulletin</i>	Kyoto
<i>Discovery</i>	Norwich
<i>Earthquake Notes</i>	Washington
<i>Economic Geology</i>	Lancaster
<i>Endeavour</i>	London
<i>Geofisica Pura e Applicata</i>	Milan
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<i>Geophysical Abstracts</i>	Washington

<i>Geophysical Journal</i>	London
<i>Geophysical Magazine</i>	Tokyo
<i>Geophysical Notes of the Geophysical Institute, Tokyo University</i>	Tokyo
<i>Geophysical Prospecting</i>	The Hague
<i>Geofizikai Közlemények</i>	Budapest
<i>Geophysics</i>	Menasha
<i>Gerlands Beiträge zur Geophysik</i>	Leipzig
* <i>Indian Journal of Meteorology and Geophysics</i>	New Delhi
<i>Journal of Geology</i>	Chicago
<i>Journal of Geophysical Research</i>	Washington
<i>Journal of Physics of the Earth</i>	Tokyo
<i>Journal of Research of the National Bureau of Standards</i>	Washington
<i>Journal of the Royal Astronomical Society of Canada</i>	Toronto
<i>Journal of the Washington Academy of Sciences</i>	Washington
<i>Nature</i>	London
<i>Papers in Meteorology and Geophysics</i>	Tokyo
<i>Philosophical Magazine</i>	London
<i>Philosophical Transactions of the Royal Society of London</i>	London
<i>Physics Abstracts</i>	London
<i>Proceedings of the National Academy of Sciences of U.S.A.</i>	Washington
<i>Proceedings of the National Institute of Sciences of India</i>	New Delhi
<i>Proceedings of the Physical Society of London, Section B</i>	London
<i>Proceedings of the Royal Society of London, Series A (Mathematical and Physical Sciences)</i>	London
<i>Publications of the Dominion Observatory</i>	Ottawa
<i>Quarterly Journal of the Geological Society of London</i>	London
<i>Quarterly Journal of Seismology</i>	Tokyo
<i>Revista de Geofísica</i>	Madrid
<i>Revue pour l'étude des Calamités</i>	Geneva
<i>Science</i>	Washington
<i>Science News Letter</i>	Washington
<i>Science Progress</i>	London
<i>Science Reports of the Tôhoku University, Geophysics</i>	Sendai
<i>Scientific American</i>	New York
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<i>Transactions of the American Geophysical Union</i>	Washington
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The initials appended to various items throughout the *Bibliography* indicate, in each case, the contribution by the respective collaborator.

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The initials appended to various items throughout the *Bibliography* indicate, in each case, the contribution by the respective collaborator.

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Authors whose articles in seismology are published elsewhere, and readers noting articles of interest to seismologists in journals not listed below, are invited to collaborate in the preparation of the *Bibliography* by forwarding the necessary information about the papers to the Dominion Astronomer, Dominion Observatory, attention Seismological Division, Department of Mines and Technical Surveys, Ottawa, Canada.

The assistance of collaborators will be acknowledged in the text. Collaborators' report forms will be forwarded to interested persons on request.

<i>Advancement of Science</i>	London
<i>Advances in Physics</i>	London
<i>American Journal of Science</i>	New Haven
<i>Anales del Instituto de Geofisica</i>	Mexico
<i>Annales de Géophysique</i>	Paris
<i>Annali di Geofisica</i>	Rome
<i>Annotated Bibliography of Economic Geology</i>	Urbana
<i>Arkiv for Geofysik</i>	Stockholm
<i>Australian Journal of Physics</i>	Melbourne
<i>Boletin del Centro de Documentacion Cientifica y Technica</i>	Mexico
<i>British Journal of Applied Physics</i>	London
<i>Bulletin Géodésique Internationale</i>	Paris
<i>Bulletin of the Academy of Sciences, USSR Geophysics Series</i> (English translation)	Washington
<i>Bulletin of the Earthquake Research Institute of Tokyo University</i>	Tokyo
<i>Bulletin of the Geographical Survey Institute</i>	Chiba
<i>Bulletin of the Geological Society of America</i>	New York
<i>Bulletin of the Seismological Society of America</i>	Berkeley
<i>Canadian Geophysical Bulletin</i>	Ottawa
<i>Disaster Prevention Research Institute Bulletin</i>	Kyoto
<i>Discovery</i>	Norwich
<i>Earthquake Notes</i>	Washington
<i>Economic Geology</i>	Lancaster
<i>Endeavour</i>	London
<i>Geofisica Pura e Applicata</i>	Milan
<i>Geofizikai Közlemények</i>	Budapest
<i>Geofysikální Sborník, Nakladatelství</i> <i>Ceskoslovenske Akademie Ved</i>	Prague

<i>Geological Magazine</i>	Caxton Hill
<i>Geophysical Abstracts</i>	Washington
<i>Geophysical Journal</i>	London
<i>Geophysical Magazine</i>	Tokyo
<i>Geophysical Notes of the Geophysical Institute, Tokyo University</i>	Tokyo
<i>Geophysical Prospecting</i>	The Hague
<i>Geophysics</i>	Menasha
<i>Gerlands Beiträge zur Geophysik</i>	Leipzig
* <i>Indian Journal of Meteorology and Geophysics</i>	New Delhi
<i>Journal of Earth Sciences, Nagoya University</i>	Nagoya
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<i>Proceedings of the National Institute of Sciences of India</i>	New Delhi
<i>Proceedings of the Physical Society of London, Section B</i>	London
<i>Proceedings of the Royal Society of London, Series A</i> ( <i>Mathematical and Physical Sciences</i> )	London
<i>Publications of the Dominion Observatory</i>	Ottawa
<i>Quarterly Journal of Seismology</i>	Tokyo
<i>Quarterly Journal of the Geological Society of London</i>	London
<i>Revista de Geofisica</i>	Madrid
<i>Revue pour l'étude des Calamites</i>	Geneva
<i>Science</i>	Washington
<i>Science News Letter</i>	Washington
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| Vol. IIA  | Part I    | The first meeting of the CSAGI  |
|           | Part II   | The second meeting of the CSAGI   |
|           | Part III  | The third meeting of the CSAGI  |
|           | Part IV   | The fourth meeting of the CSAGI   |
|           | Part V    | The CSAGI Antarctic Conferences   |
|           | Part VI   | The CSAGI Arctic Conference   |
|           | Part VII  | The CSAGI Regional Conferences  |
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|           | Part II   | IGY Instruction Manual—CSAGI guide to IGY world data centres.             |
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Ottawa, Ontario.

United States: Special Libraries Assoc.,  
Translations Pool,  
c/o John Crerar Library,  
86 E Randolph Street,  
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United Kingdom: Science Museum Library,  
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More seismic research asked to improve atomic test detection: no. 3366, 26-28, July 3.  
\$53 million asked for 2-year seismic research program: no. 3367, 86-88, July 10.
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Map drawn showing underside of U.S.: no. 3, p. 40, Jan. 17.  
Seismograph jiggles cured by new device: no. 8, p. 119, Feb. 21.  
Statistics released on Alaska earthquake: no. 9, p. 137, Feb. 28.  
Antarctic continent smaller than ice sheet: no. 10, p. 150 Mar. 7.  
Study earth's interior: no. 15, p. 229, Apr. 1.  
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Rare earthquake in South American Strait: no. 18, p. 276, May 2.
12109. SCIENCE NEWS LETTER. Articles of interest to seismologists have appeared in various issues of v. 76 of this periodical (Washington, 1959) as follows:—  
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Survey earthquake effects: no. 14, p. 211, Oct. 3.  
Yellowstone geysers returning to normal: no. 16, p. 257, Oct. 17.  
Man to pierce earth's crust: no. 18, p. 290, Oct. 31.  
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# Bibliography of Seismology

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This issue contains a large number of references to papers in engineering seismology. This is due to the efforts of Dr. D. E. Hudson, Professor of Mechanical Engineering at the California Institute of Technology, who sent us a large number of publications and reprints, and who arranged with the Earthquake Engineering Research Institute to supply us in the future with references in engineering seismology. This is being done by Mr. Edward P. Hollis, their expert in bibliography. We are very much indebted to Dr. Hudson, to the Earthquake Engineering Research Institute, and to Mr. Hollis for this help.

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