

**Box 19 (6 folders). Rev. James J. Ruddick, S.J. papers
Jesuit Seismological Association papers
ca.1930-94**

Scope note: Seismological investigations under the auspices of the Society of Jesus, or Jesuits, in the United States and Canada began in 1900 as the Jesuit Seismological Service (JSS).

In 1911, Rev. Frederick L. Odenbach, S. J. constructed a simple seismograph at John Carroll University, then Ignatius College, in Cleveland, Ohio. This established, a network of seismograph stations at Jesuit institutions worldwide which regularly reported their findings to a central office in St. Louis. Organizational problems resulted in the reformation of the organization into the Jesuit Seismological Association in 1925; their goals remained the same., but this time, using U.S. and Canadian institutions.

The invention of the Weichert Seismograph-- sensitive seismographs, utilizing an invented pendulum with recording on smoked paper – inspired Father Odenbach to suggest, "...our Society (Jesuits) can make a move which cannot be duplicated unless the Government should organize a bureau of seismology...to organize a system of observatories with the same kind of instrument handled in the same way and these stations to be fairly well scattered N-S-E-W over the continent. Seismograms produced by the instrument of different makers are hard to compare and therefore a set of uniform grams such as we could furnish would be a Godsend to seismologists."

Spindler and Hoyer in Gottingen, Germany sold the Weichert Seismograph for \$112.00, shipping and handling included, along with \$30.00 standard electrical clock. This seismograph was purchased by sixteen Jesuit Colleges and organized into the JSS with a central station in Cleveland.

By early 1911, all of these stations were in routine operation and the data were gathered by means of a postcard system at the Central Station in Cleveland and forwarded to the International Central Station in Strasbourg, Austria.

The Seismological Station at Canisius College, Buffalo, New York was installed in 1909. When the College moved to a new location in January 1913, the seismograph was moved to a "new vault in the basement under the main entrance of the College in Old Main."

The Jesuit Seismological Association (JSA) formed as an outgrowth of that work in 1925.

Folder 19/1 - Correspondence

Correspondence. E. Kolkmeier, Date of JSA annual meeting, data for submission to **America** report on seismology; and possible major paper. February 18, 1939.

Correspondence. J. Macelwane to E. Kolkmeier, JSA annual meeting. Georgetown University. July 26, 1939.

Memo. French Jesuit, E. Rothè involved in seismology, October 1939.

Correspondence. J. Macelwane to E. Kolkmeier, payment of fees. November 18, 1939.

Correspondence. W. Lynch to E. Kolkmeier, Canisius College Membership, JSA, Eastern Seismological Section. January 18, 1940.

Correspondence. E. Kolkmeier to W. Lynch, question of membership. January 22, 1940.

Correspondence. E. Perry to Canisius College Seismological Station, report on Committee on Methods & Operations to the Eastern Section 1939; and request for items for comprehensive 1940 report. March 1, 1940.

Correspondence. J. Macelwane to E. Kolkmeier, Cincinnati, OH, JSA meeting. May 9, 1940.

Correspondence. J. Macelwane to E. Kolkmeier, date change of annual JSA meeting. May 27, 1940.

Correspondence. E. Kolkmeier to D. Burns, Cincinnati, OH. JSA meeting. May 27, 1940.

Correspondence. J. Roll to J. Ruddick, 1974 JSA resolution. June 11, 1974.

Correspondence. J. Roll to JSA, postponing 1971 meeting. June 24, 1971.

Correspondence. J. Roll to JSA, Annual Meeting, Xavier University, Cincinnati, OH. May 12, 1982.

Correspondence. W. Stauder to J. Ruddick, JSA dues w/invoice. April 4, 1987.

Correspondence. J. Ruddick to S. Coble, JSA project. June 17, 1988.

Email. S. Coble to J. Ruddick, JSA project. August 8, 1988.

Email. S. Coble to J. Ruddick, JSA project. September 1, 1988

Correspondence. J. Ruddick to J. McCaffrey, JSA mailing list. September 7, 1988.

Correspondence. W. Stauder to Directors of Member Stations. September 12, 1988.

Correspondence. J. Ruddick to W. Stauder, updating JSA history.

September 22,1988.
Correspondence. W. Stauder to A. Murphy, JSA. September 9,1989 .
Correspondence. W. Stauder to A. Murphy. [1989?]
Correspondence. J. Ruddick to J. McCaffrey, JSA annual meeting,
Canisius College. March 3, 1992.
Correspondence. J. Ruddick to Nick, attending JSA members.
March 23, 1992.
Correspondence. J. Ruddick to P. Tremblay, JSA meeting, Montreal.
May 2, 1993.
Correspondence. J. Ruddick to Nick, attending JSA members.
May 19, 1992.
Correspondence. J. Ruddick to D. Goralski, NCEER lab tour.
June 1, 1992.
Correspondence. J. Ruddick to R. Ott, JSA meeting, Montreal.
June 28, 1993.
Correspondence. J. Ruddick to R. Tremblay, JSA meeting, Weston,
MA. June 5, 1994.

Folder 19/2

Report. Repetti, W.C., S.J. The end of the first manila observatory:
a history of seismographic station in the Philippines.

Folder 19/3 - Meeting minutes.

Minutes. Annual Meeting of the Jesuit Sesimological Association. Includes:

Sept. 9, 1939
July 28-29, 1968
July 31 – Aug. 2, 1970
Sept. 29 – Oct. 1, 1972
May 19 – 20, 1973
June 7 – 8, 1974
June 13-15, 1975
June 4-5, 1976
Aug. 12-13, 1977
June 9-10, 1978
May 25-26, 1979
May 20-21, 1980
May 22-23, 1981
May 21-22, 1982
May 20-21, 1983
May 25-27, 1984
May 23-25, 1985
May 29-30, 1987
May 27-29, 1988
May 26-27, 1989

May 29-30, 1992
May 31 – June 1, 1991 (2)
May 28-29, 1993

Folder 19/4 - Financial reports

Financial Reports. Jesuit Seismological Association includes:

August 1, 1938 – July 31, 1939
1986-87
1988-89
1990-91
1992-93
1993-94

Folder 19/5 - Miscellaneous

Constitution. Jesuit Seismological Association , 1970.

Notes (handwritten). (McTigue?); [n.d.]

Preliminary notice. Meeting of the Jesuit Seismological Association, Canisius College, 1992.

Program. Jesuit Seismological Association Annual Meeting, Canisius College, May 29-30 1992.

Template. Description of earthquake [ca. 1930]

Preliminary notice. Annual Meeting of the Jesuit Seismological Association at Weston Observatory, MA [1939 ?.]

Notes. Meeting. Weston College, August, 1939

Notice. Annual dues January 1, 1939- December 31, 1939

Program. 15th Annual meeting of Seismological Society of America, Eastern Section, May 31-June 1, 1940

Preliminary notice. Annual Meeting at of the Jesuit Seismological Association, John Carroll University, Cleveland, OH. April 11, 1991.

Notes. (handwritten) [Ruddick ?; n.d.]

Article. *Present at the Creation* : Odenbach, originator of Jesuit role in seismology. **Carroll Alumni Journal** , Aug. 1991. Fr. Odenbach, the originator of the Jesuit role in seismology

Newspaper articles. Miscellaneous earthquakes.

Folder 19/6 –Bulletins (2)

Bulletin. SS-N-500/3.7. Department of the Interior and United States Geological Survey. *Results of Spirit Leveling in New York 1906 to 1911 Inclusive*. R.B. Marshall, Chief Geographer, Washington, D.C. : Government Printing Office, 1918.

Bulletin. SS-N-500/3.8. Department of the Interior and United States Geological Survey. *Results of Spirit Leveling in New York, 1896-1905 and 1912-1916*. R.B. Marshall, Chief Geographer, Washington : Government Printing Office, 1918.

Folder 19/7 -Commemorative Book

Book. Macelwane, Rev. James Bernard, S.J. ***Jesuit Seismological Association, Twenty-Fifth Anniversary Commemorative Volume***, 1925-1950. St. Louis, MO.: St. Louis University. 1950; 347pp.