Incorporated Research Institutions for Seismology
RRID:SCR_002201
Type: Tool

Proper Citation
Incorporated Research Institutions for Seismology (RRID:SCR_002201)

Resource Information
URL: http://www.iris.edu/hq/

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Description: Passive and active source waveform data, event (earthquake) catalog, channel response data is available. This comprehensive data store of raw geophysical time-series data is collected from a large variety of sensors, courtesy of a vast array of US and International scientific networks, including seismometers (permanent and temporary), tilt and strain meters, infrasound, temperature, atmospheric pressure and gravimeters, to support basic research aimed at imaging the Earth's interior. IRIS also provides data and software for educational purposes. This consortium of over 100 US universities is dedicated to the operation of science facilities for the acquisition, management, and distribution of seismological data. IRIS programs contribute to scholarly research, education, earthquake hazard mitigation, and verification of the Comprehensive Nuclear-Test-Ban Treaty. Data is stored at the IRIS Data Management Center in Seattle, Washington. They currently manage a large archive from over tens of thousands of seismic stations and ship hundreds of terabytes of data yearly.

Abbreviations: IRIS

Synonyms: Incorporated Research Institutions for Seismology, IRIS Consortium

Resource Type: consortium, data or information resource, portal, organization portal, institution

Keywords: seismology, geophysics, earth science, earthquake, seismic, time series, metadata, channel response, waveform
Funding Agency: NSF

Availability: Free, Open unspecified license

Resource Name: Incorporated Research Institutions for Seismology

Resource ID: SCR_002201

Alternate IDs: nlx_154710, grid.300201.0, ISNI: 0000 0004 6078 0424, Wikidata: Q16074398, DOI:10.7914, DOI:10.17611, DOI:10.17616/R3X607, DOI:10.25504/FAIRsharing.x9rqf7


Ratings and Alerts

No rating or validation information has been found for Incorporated Research Institutions for Seismology.

No alerts have been found for Incorporated Research Institutions for Seismology.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 474 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.


