

Resource Summary Report

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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/>

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

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: IRIS Consortium, Incorporated Research Institutions for Seismology

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

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

Funding: NSF

Availability: Free, Freely available

Resource Name: Incorporated Research Institutions for Seismology

Resource ID: SCR_002201

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

Alternate URLs: <https://ror.org/05xkn9s74>, <https://doi.org/10.17616/R3X607>, <https://doi.org/10.17616/r3X607>, <https://doi.org/10.7914/>, <https://doi.org/10.17611/>, <https://dx.doi.org/10.7914/>, <https://dx.doi.org/10.17611/>, <https://fairsharing.org/10.25504/FAIRsharing.x9rqf7>

Record Creation Time: 20220129T080212+0000

Record Last Update: 20260731T042623+0000

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 540 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Ng DL, et al. (2025) Efforts to strengthen anatomic pathology diagnostic services for cancer in sub-Saharan Africa: a scoping review protocol. *BMJ open*, 15(2), e089425.

Pouchin P, et al. (2025) Geographical variability in cancer incidence explained by the socioeconomic environment: an example of lung cancer in northwestern France. *Journal of epidemiology and community health*, 79(3), 200.

Mortier F, et al. (2025) Clinical importance of borderline proteinuria in nonazotemic cats and evaluation of other risk factors for the development of chronic kidney disease. *Journal of veterinary internal medicine*, 39(1), e17257.

Govan R, et al. (2025) Spatio-temporal risk prediction of leptospirosis: A machine-learning-based approach. *PLoS neglected tropical diseases*, 19(1), e0012755.

Cochrane M, et al. (2024) Primary care system-level training and support programme for the secondary prevention of domestic violence and abuse: a cost-effectiveness feasibility model. *BMJ open*, 14(1), e071300.

- Chacko B, et al. (2024) ISCCM Position Statement on the Approach to and Management of Critically Ill Patients with Tuberculosis. *Indian journal of critical care medicine* : peer-reviewed, official publication of Indian Society of Critical Care Medicine, 28(Suppl 2), S67.
- Ocean JR, et al. (2024) Gene body DNA hydroxymethylation restricts the magnitude of transcriptional changes during aging. *Nature communications*, 15(1), 6357.
- An JH, et al. (2024) Effect of the sodium-glucose cotransporter-2 inhibitor, DWP16001, as an add-on therapy to insulin for diabetic dogs: A pilot study. *Veterinary medicine and science*, 10(3), e1454.
- Aurisano N, et al. (2024) Probabilistic Reference and 10% Effect Concentrations for Characterizing Inhalation Non-cancer and Developmental/Reproductive Effects for 2,160 Substances. *Environmental science & technology*, 58(19), 8278.
- Davidson O, et al. (2024) Sociodemographic and Visual Outcomes of Juvenile Idiopathic Arthritis Uveitis: IRIS® Registry Study. *Clinical ophthalmology (Auckland, N.Z.)*, 18, 1257.
- Sparks N, et al. (2024) The Imperial College Storm Model (IRIS) Dataset. *Scientific data*, 11(1), 424.
- Zhang Q, et al. (2024) Clinical characteristics and prognosis of *Talaromyces marneffei* associated immune reconstitution inflammatory syndrome in AIDS patients. *PLoS neglected tropical diseases*, 18(10), e0012609.
- Jiang Y, et al. (2024) Long-Term Halocarbon Observations in an Urban Area of the YRD Region, China: Characteristic, Sources Apportionment and Health Risk Assessment. *Toxics*, 12(10).
- Plomp H, et al. (2024) Research protocol - Evaluating data quality in the Netherlands Perinatal Registry (Perined): A data comparison study using hospital records from the IUGR Risk Selection (IRIS) study. *F1000Research*, 13, 686.
- Mortier F, et al. (2024) Value of repeated health screening in 259 apparently healthy mature adult and senior cats followed for 2 years. *Journal of veterinary internal medicine*, 38(4), 2089.
- Melnyk LJ, et al. (2024) One Health assessment of persistent organic chemicals and PFAS for consumption of restored anadromous fish. *Journal of exposure science & environmental epidemiology*, 34(6), 1035.
- Sicotte R, et al. (2024) Similar and different? A cross-cultural comparison of the prevalence, course of and factors associated with suicidal thoughts and behaviors in first-episode psychosis in Chennai, India and Montreal, Canada. *The International journal of social psychiatry*, 70(3), 457.
- Muthuka JK, et al. (2024) Paradoxical and Unmasking HIV Immune Reconstitution Inflammation Syndrome in Antiretroviral-Naïve Pregnant Women: A Prospective Cohort Study. *Cureus*, 16(1), e52989.
- Maraschini A, et al. (2024) Maternal mortality in Italy estimated by the Italian Obstetric Surveillance System. *Scientific reports*, 14(1), 31640.

Colder Carras M, et al. (2024) Prevention and Health Promotion Interventions for Young People in the Context of Digital Well-Being: Rapid Systematic Review. *Journal of medical Internet research*, 26, e59968.