

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

QuakeML

RRID:SCR_004044

Type: Tool

Proper Citation

QuakeML (RRID:SCR_004044)

Resource Information

URL: <https://quake.ethz.ch/quakeml/>

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Description: A flexible, extensible and modular XML-based data exchange standard for seismological data which is intended to cover a broad range of fields.

Abbreviations: QuakeML

Synonyms: Quake ML

Resource Type: data or information resource, standard specification, narrative resource, markup language, interchange format

Keywords: earthquake, xml, seismology

Resource Name: QuakeML

Resource ID: SCR_004044

Alternate IDs: nlx_158473

Alternate URLs: <https://github.com/usgs/Quakeml>

Record Creation Time: 20220129T080222+0000

Record Last Update: 20260808T185810+0000

Ratings and Alerts

No rating or validation information has been found for QuakeML.

No alerts have been found for QuakeML.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Langlais M, et al. (2024) The catalogue of 1987-2023 earthquakes in the western (French) Alps north of 43.5°N. Scientific data, 11(1), 1290.

Grigoli F, et al. (2022) Monitoring microseismicity of the Hengill Geothermal Field in Iceland. Scientific data, 9(1), 220.

Orlecka-Sikora B, et al. (2020) An open data infrastructure for the study of anthropogenic hazards linked to georesource exploitation. Scientific data, 7(1), 89.

Lognonné P, et al. (2019) SEIS: Insight's Seismic Experiment for Internal Structure of Mars. Space science reviews, 215(1), 12.