

Resource Summary Report

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Stanford University Cosmogenic Isotope Lab Core Facility

RRID:SCR_025082

Type: Tool

Proper Citation

Stanford University Cosmogenic Isotope Lab Core Facility (RRID:SCR_025082)

Resource Information

URL: <https://scilab.stanford.edu/>

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Description: Core for understanding Earth surface processes in bedrock, soil, water, and sediment. Interactions between cosmic rays and Earth's upper atmosphere create unique isotopes both in the atmosphere and in materials on Earth's surface. By assessing the ratios and/or concentrations of these isotopes, we can get a deeper insight into the exposure age, soil production rate, catchment-averaged erosion, and processes of Earth's varied landscapes.

Abbreviations: SCI-Lab

Synonyms: Stanford Cosmogenic Isotope Lab

Resource Type: core facility, service resource, access service resource

Keywords: ABRF, Earth surface processes, bedrock, soil, water, sediment, assessing isotopes ratios, assessing isotopes concentrations,

Resource Name: Stanford University Cosmogenic Isotope Lab Core Facility

Resource ID: SCR_025082

Alternate IDs: ABRF_2666

Alternate URLs: <https://coremarketplace.org/?FacilityID=2666&citation=1>

Record Creation Time: 20240306T053236+0000

Record Last Update: 20260801T191301+0000

Ratings and Alerts

No rating or validation information has been found for Stanford University Cosmogenic Isotope Lab Core Facility.

No alerts have been found for Stanford University Cosmogenic Isotope Lab Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.