

# 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:** access service resource, core facility, 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:** 20260728T043717+0000

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## 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.