# **Resource Summary Report**

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# Iowa State University SIPERG Stable Isotope Lab Core Facility

RRID:SCR\_012541 Type: Tool

#### **Proper Citation**

Iowa State University SIPERG Stable Isotope Lab Core Facility (RRID:SCR\_012541)

# **Resource Information**

URL: https://siperg.las.iastate.edu/stable-isotope-lab-sil/

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**Description:** Core performes continuous flow isotopic and elemental analyses of carbon, nitrogen, oxygen and hydrogen in organic and inorganic substrates (solids, liquids, and gases). Supports research in oceanography, paleoclimatology, geology, ecology, agronomy, and chemistry. Laboratory consists of ThermoFinnigan Delta Plus XL mass spectrometer coupled with several sample introduction systems, including GasBench II with CombiPal autosampler, Costech elemental analyzer and TC/EA with Conflo III interface. Additionally, the SIL operates Picarro L2130-i Isotopic Liquid Water Analyzer with autosampler for rapid measurements of deuterium and oxygen.

Abbreviations: ISU SIPERG Stable Isotope Lab

**Synonyms:** Iowa State University SIPERG Stable Isotope Lab, ISU SIPERG Stable Isotope Lab, SIPERG Stable Isotope Laboratory

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

Funding:

Resource Name: Iowa State University SIPERG Stable Isotope Lab Core Facility

Resource ID: SCR\_012541

Alternate IDs: SciEx\_453

Old URLs: http://www.scienceexchange.com/facilities/siperg-stable-isotope-lab-iastate

**Record Creation Time:** 20220129T080310+0000

Record Last Update: 20250524T060444+0000

## **Ratings and Alerts**

No rating or validation information has been found for Iowa State University SIPERG Stable Isotope Lab Core Facility.

No alerts have been found for Iowa State University SIPERG Stable 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.