Resource Summary Report

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/

Proper Citation: Iowa State University SIPERG Stable Isotope Lab Core Facility (RRID:SCR_012541)

Description: Core performs 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: access service resource, core facility, 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: 20250412T055655+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.