

Resource Summary Report

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Carbon Dioxide Information Analysis Center

RRID:SCR_006999

Type: Tool

Proper Citation

Carbon Dioxide Information Analysis Center (RRID:SCR_006999)

Resource Information

URL: <http://cdiac.esd.ornl.gov/>

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Description: The primary climate-change data and information analysis center of the U.S. Department of Energy (DOE) and includes the World Data Center for Atmospheric Trace Gases, serving the climate change-related data and information needs of users worldwide. CDiac's data holdings include estimates of carbon dioxide emissions from fossil-fuel consumption and land-use changes; records of atmospheric concentrations of carbon dioxide and other radiatively active trace gases; carbon cycle and terrestrial carbon management datasets and analyses; and global/regional climate data and time series. CDiac provides scientific and data management support for projects sponsored by a number of agencies, including the AmeriFlux Network, continuous observations of ecosystem level exchanges of CO₂, water, energy and momentum at different time scales for sites in the Americas; the Ocean CO₂ Data Program of CO₂ measurements taken aboard ocean research vessels; DOE-supported FACE experiments, which evaluate plant and ecosystem response to elevated CO₂ concentrations; and the HIPPO project, which is analyzing the atmospheric carbon cycle and greenhouse gas concentrations from pole to pole over the Pacific Ocean. For those wishing to contribute data to the CDiac data collection, review the guide and then contact one of the CDiac staff members to discuss further data submission plans. Data providers may submit data in a variety of ways including via email, direct deposit to a secure CDiac File Transfer Protocol (FTP) server, on transfer media (e.g. CD-ROM), or by having CDiac mirror a location at the investigator's institution.

Abbreviations: CDiac

Resource Type: service resource, data set, storage service resource, data repository, data or information resource

Keywords: carbon dioxide, climate change, climate, carbon dioxide emission, fossil-fuel consumption, land-use, atmospheric, trace gas, carbon cycle, emission, fossil-fuel,

ecosystem

Funding: DOE

Availability: Free, Public, Acknowledgement requested

Resource Name: Carbon Dioxide Information Analysis Center

Resource ID: SCR_006999

Alternate IDs: nlx_154730

Record Creation Time: 20220129T080239+0000

Record Last Update: 20260728T043242+0000

Ratings and Alerts

No rating or validation information has been found for Carbon Dioxide Information Analysis Center.

No alerts have been found for Carbon Dioxide Information Analysis Center.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.