**DataONE**

RRID:SCR_003999  
Type: Tool

**Proper Citation**

DataONE (RRID:SCR_003999)

**Resource Information**

**URL:** [https://www.dataone.org/](https://www.dataone.org/)

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**Description:** A distributed framework and cyberinfrastructure for open, persistent, and secure access to Earth observational data. It ensures the preservation, access, use and reuse of multi-scale, multi-discipline, and multi-national science data via three primary cyberinfrastructure elements and a broad education and outreach program. The DataONE Investigator Toolkit is a collection of software tools for finding, using, and contributing data in DataONE. DataONE currently hosts three Coordinating Nodes that provide network-wide services to enhance interoperability of the Member Nodes and support indexing and replication services. Coordinating Nodes provide a replicated catalog of Member Node holdings and make it easy for scientists to discover data wherever they reside, also enabling data repositories to make their data and services more broadly available to the international community. DataONE Coordinating Nodes are located at the University of New Mexico, the University of California Santa Barbara and at the University of Tennessee (in collaboration with Oak Ridge National Laboratory). DataONE comprises a distributed network of data centers, science networks or organizations. These organizations can expose their data within the DataONE network through the implementation of the DataONE Member Node service interface. In addition to scientific data, Member Nodes can provide computing resources, or services such as data replication, to the DataONE community.

**Abbreviations:** DataONE

**Synonyms:** Data Observation Network for Earth

**Resource Type:** storage service resource, software resource, database, catalog, service resource, data or information resource, data repository, portal
Keywords: earth, environment, data sharing, cyberinfrastructure, earth observational data, data management, data set, FASEB list

Funding Agency: NSF, NSF

Availability: Acknowledgement requested

Resource Name: DataONE

Resource ID: SCR_003999

Alternate IDs: nlx_158410, DOI:10.2586, DOI:10.17616/R3101G, DOI:10.25504/FAIRsharing.yyf78h


Ratings and Alerts

No rating or validation information has been found for DataONE.

No alerts have been found for DataONE.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 32 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.


Thompson SK, et al. (2020) Leveraging public data to offer online inquiry opportunities. Ecology and evolution, 10(22), 12555-12560.


