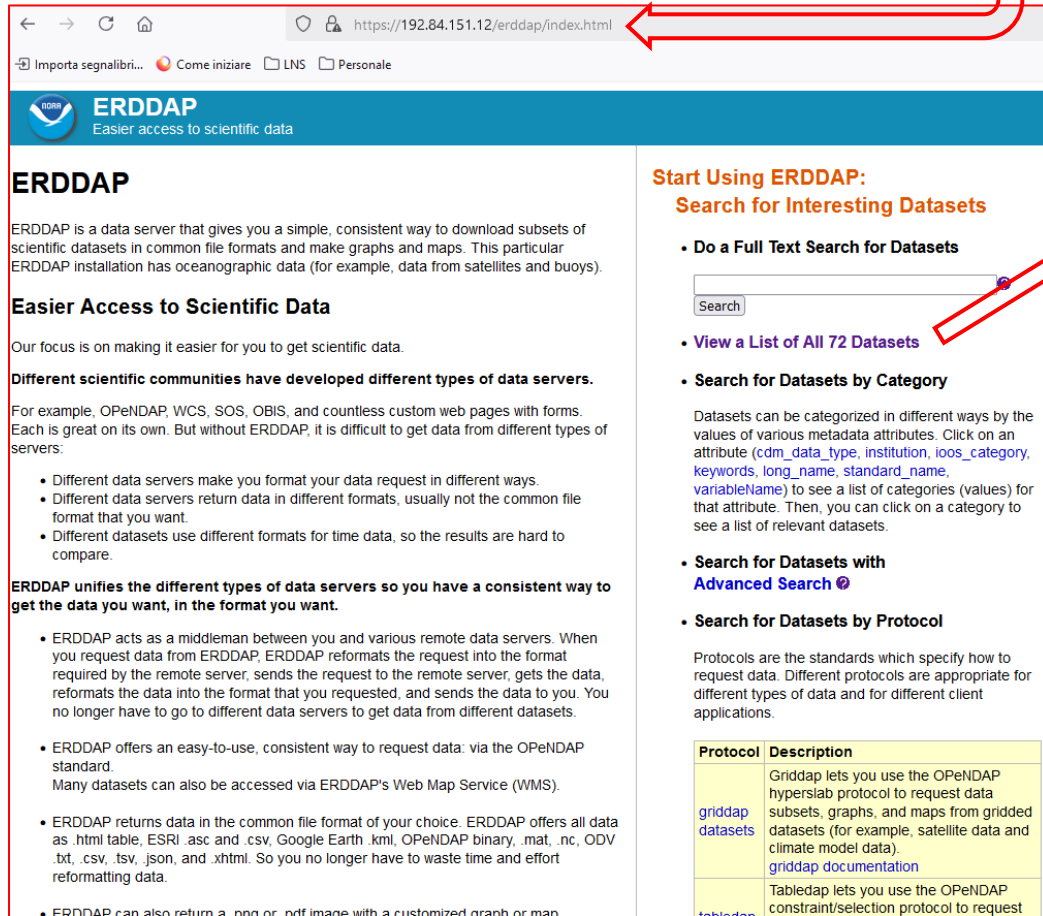


ERDDAP Server up since December 20th 2024 (<http://192.84.151.12:8080/erddap>)



ERDDAP
Easier access to scientific data

ERDDAP

ERDDAP is a data server that gives you a simple, consistent way to download subsets of scientific datasets in common file formats and make graphs and maps. This particular ERDDAP installation has oceanographic data (for example, data from satellites and buoys).

Easier Access to Scientific Data

Our focus is on making it easier for you to get scientific data.

Different scientific communities have developed different types of data servers.

For example, OPeNDAP, WCS, SOS, OBIS, and countless custom web pages with forms. Each is great on its own. But without ERDDAP, it is difficult to get data from different types of servers:

- Different data servers make you format your data request in different ways.
- Different data servers return data in different formats, usually not the common file format that you want.
- Different datasets use different formats for time data, so the results are hard to compare.

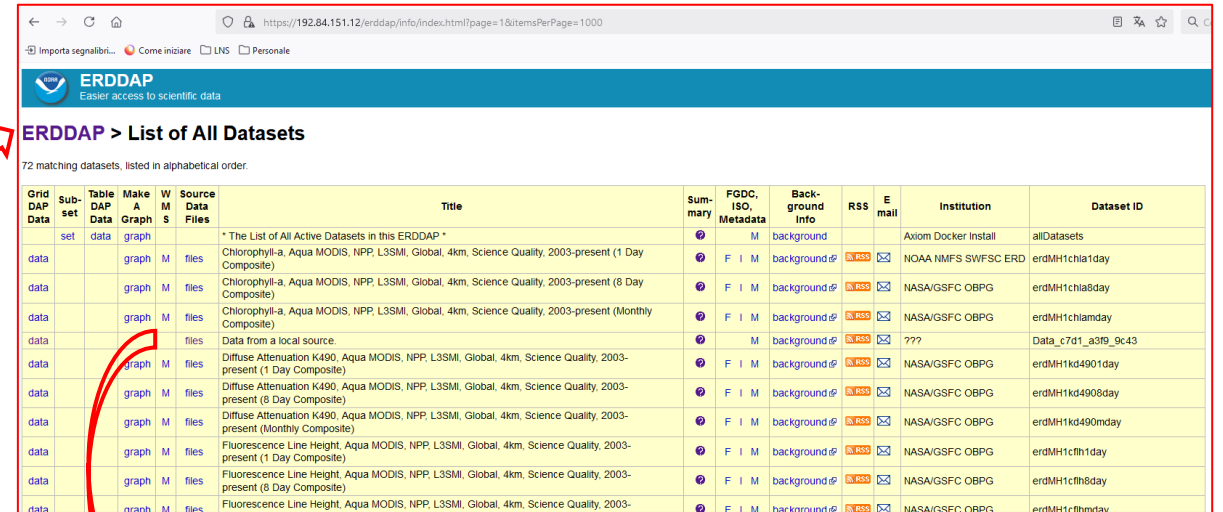
ERDDAP unifies the different types of data servers so you have a consistent way to get the data you want, in the format you want.

- ERDDAP acts as a middleman between you and various remote data servers. When you request data from ERDDAP, ERDDAP reformats the request into the format required by the remote server, sends the request to the remote server, gets the data, reformats the data into the format that you requested, and sends the data to you. You no longer have to go to different data servers to get data from different datasets.
- ERDDAP offers an easy-to-use, consistent way to request data: via the OPeNDAP standard. Many datasets can also be accessed via ERDDAP's Web Map Service (WMS).
- ERDDAP returns data in the common file format of your choice. ERDDAP offers all data as .html table, ESRI .asc and .csv, Google Earth .kml, OPeNDAP binary, .mat, .nc, ODV .txt, .csv, .tsv, .json, and .html. So you no longer have to waste time and effort reformatting data.
- ERDDAP can also return a png or pdf image with a customized graph or map.

Start Using ERDDAP: Search for Interesting Datasets

- Do a Full Text Search for Datasets
- View a List of All 72 Datasets
- Search for Datasets by Category
- Search for Datasets with Advanced Search
- Search for Datasets by Protocol

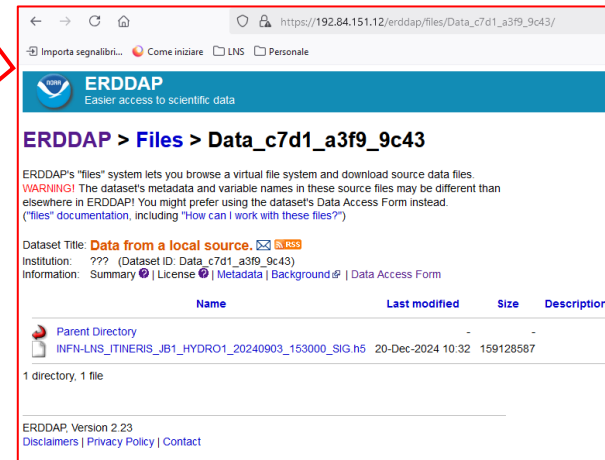
Protocol	Description
griddap datasets	Griddap lets you use the OPeNDAP hyperslab protocol to request data subsets, graphs, and maps from gridded datasets (for example, satellite data and climate model data). griddap documentation
tabledap	Tabledap lets you use the OPeNDAP constraint/selection protocol to request



ERDDAP > List of All Datasets

72 matching datasets, listed in alphabetical order.

Grid DAP	Sub-set	Table DAP	Make A Graph	W M S	Source Data Files	Title	Summary	FGDC, ISO, Metadata	Background Info	RSS	E mail	Institution	Dataset ID
						* The List of All Active Datasets in this ERDDAP *						Axiom Docker Install	allDatasets
data		graph	M	files		Chlorophyll-a, Aqua MODIS, NPP, L3SMI, Global, 4km, Science Quality, 2003-present (1 Day Composite)		F I M	background			NOAA NMFS SWFSC ERD	erdMH1c1a1day
data		graph	M	files		Chlorophyll-a, Aqua MODIS, NPP, L3SMI, Global, 4km, Science Quality, 2003-present (8 Day Composite)		F I M	background			NASA/GSFC OBPG	erdMH1c1a8day
data		graph	M	files		Chlorophyll-a, Aqua MODIS, NPP, L3SMI, Global, 4km, Science Quality, 2003-present (Monthly Composite)		F I M	background			NASA/GSFC OBPG	erdMH1c1a1mday
data				files		Data from a local source.						???	Data_c7d1_a3f9_9c43
data		graph	M	files		Diffuse Attenuation K490, Aqua MODIS, NPP, L3SMI, Global, 4km, Science Quality, 2003-present (1 Day Composite)		F I M	background			NASA/GSFC OBPG	erdMH1kd4901day
data		graph	M	files		Diffuse Attenuation K490, Aqua MODIS, NPP, L3SMI, Global, 4km, Science Quality, 2003-present (8 Day Composite)		F I M	background			NASA/GSFC OBPG	erdMH1kd4908day
data		graph	M	files		Diffuse Attenuation K490, Aqua MODIS, NPP, L3SMI, Global, 4km, Science Quality, 2003-present (Monthly Composite)		F I M	background			NASA/GSFC OBPG	erdMH1kd490mday
data		graph	M	files		Fluorescence Line Height, Aqua MODIS, NPP, L3SMI, Global, 4km, Science Quality, 2003-present (1 Day Composite)		F I M	background			NASA/GSFC OBPG	erdMH1c1fh1day
data		graph	M	files		Fluorescence Line Height, Aqua MODIS, NPP, L3SMI, Global, 4km, Science Quality, 2003-present (8 Day Composite)		F I M	background			NASA/GSFC OBPG	erdMH1c1fh8day
data		graph	M	files		Fluorescence Line Height, Aqua MODIS, NPP, L3SMI, Global, 4km, Science Quality, 2003-		F I M	background			NASA/GSFC OBPG	erdMH1c1fhmday



ERDDAP > Files > Data_c7d1_a3f9_9c43

ERDDAP's "files" system lets you browse a virtual file system and download source data files.

WARNING! The dataset's metadata and variable names in these source files may be different than elsewhere in ERDDAP! You might prefer using the dataset's Data Access Form instead. ("files" documentation, including "how can I work with these files?")

Dataset Title: **Data from a local source.** [RSS](#)

Institution: ??? (Dataset ID: Data_c7d1_a3f9_9c43)

Information: [Summary](#) | [License](#) | [Metadata](#) | [Background](#) | [Data Access Form](#)

Name	Last modified	Size	Description
Parent Directory			
INFN-LNS_ITINERIS_JB1_HYDRO1_20240903_153000_SIG.h5	20-Dec-2024 10:32	159128587	

1 directory, 1 file

ERDDAP Version 2.23
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ERDDAP Server (<http://192.84.151.12:8080/erddap>)

Docker configurations details: (root@erdap-server)

- *docker-compose.yaml* ==> /opt/data00/customdocker/erddap-docker/deployfiles/**erddap-docker**
- *erddap-compose.env* ==> /opt/data00/customdocker/erddap-docker/deployfiles/**environments**

Server ERDDAP configurations details: (root@erdap-server)

- Data directory ==> /opt/data00/**appdata** (binded inside the *docker_compose.yaml*)
- *setup.xml, datasets.xml* ==> /opt/data00/customdocker/erddap-docker/volumes/**Content**
- *GenerateDatasetsXml.sh* ==> /usr/local/tomcat/webapps/erddap/**WEB-INF**
(script located inside the container root@ad8e4f5d2210)
- *GenerateDatasetsXml.out* ==> /opt/data00/customdocker/erddap-docker/volumes/Data/**logs**
(to be attached to *datasets.xml* file)

ERDDAP Server (<http://192.84.151.12:8080/erddap>)

To do list:

- Find the right parameters for the .h5 files to put in the datasets configuration script
- Link a remote storage in the server containing our metadata
- Customize the web pages (i.e. add ITINERIS and INFN logos, link only the datasets which we are really interested in, ...)
- Verify the access from the other federated servers inside the ITINERIS hub
- Verify the security together with CCR guys