

## Ocean DATa Information and Services for Easier Access to Data and Analytical Services



The ODATIS ocean data and services cluster is a component of the Data Terra Research Infrastructure, alongside 3 other clusters: AERIS for the Atmosphere, FORM@TER for the Solid Earth and THEIA for Land Surfaces.

The main task of the ODATIS Ocean Cluster is to facilitate/promote the discovery and use of data, to develop derived products, to make available software, tools and services.

ODATIS is based on a network of distributed 9 Data and Services Centres operated by french research organizations: CNRS, CNES, Ifremer, IRD, Shom, Marine Universities.

The Data and Service Centres offer the guarantee of services on data management: record data, process data, control data quality, and provide routine access to marine data.





AVISO+ (operated by CNES) and CERSAT (operated by Ifremer) are the 2 Data and Service Centres dedicated to satellite data, particularly altimetry data.



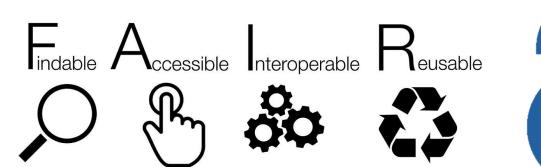
and large volumes of data remotely (HPC),

Virtual Research access Environments (VRE).

Technical workshops offer handson experience with several data manipulation, processing and visualization software.







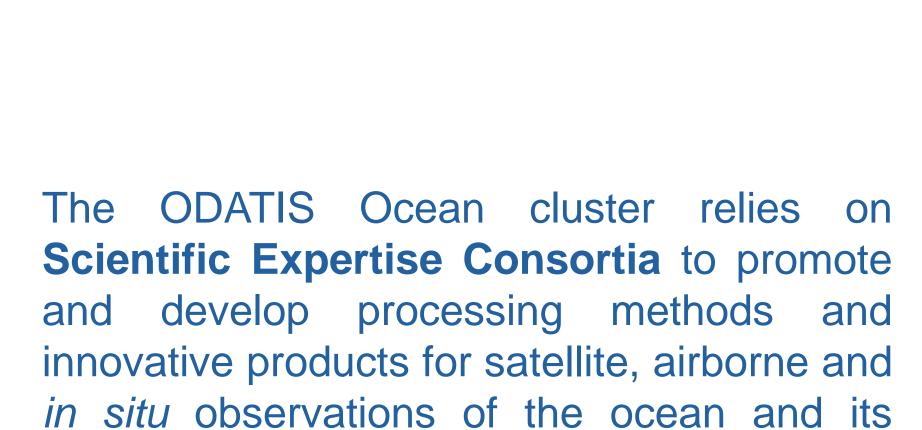




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Data DATA::
TERRA management ODATIS

The Data and Services Centers of the ODATIS Ocean cluster manage and provide multi-sensor datasets, over long homogeneous time series, by applying FAIR principles offering guaranteed data management services in terms of referencing, hosting, dissemination and interoperability



interfaces. These Consortia network and

federate scientific and technical experts

around a topic : pH/CO2, O2, Ocean color,

flow cytometry...

Scientific expertise

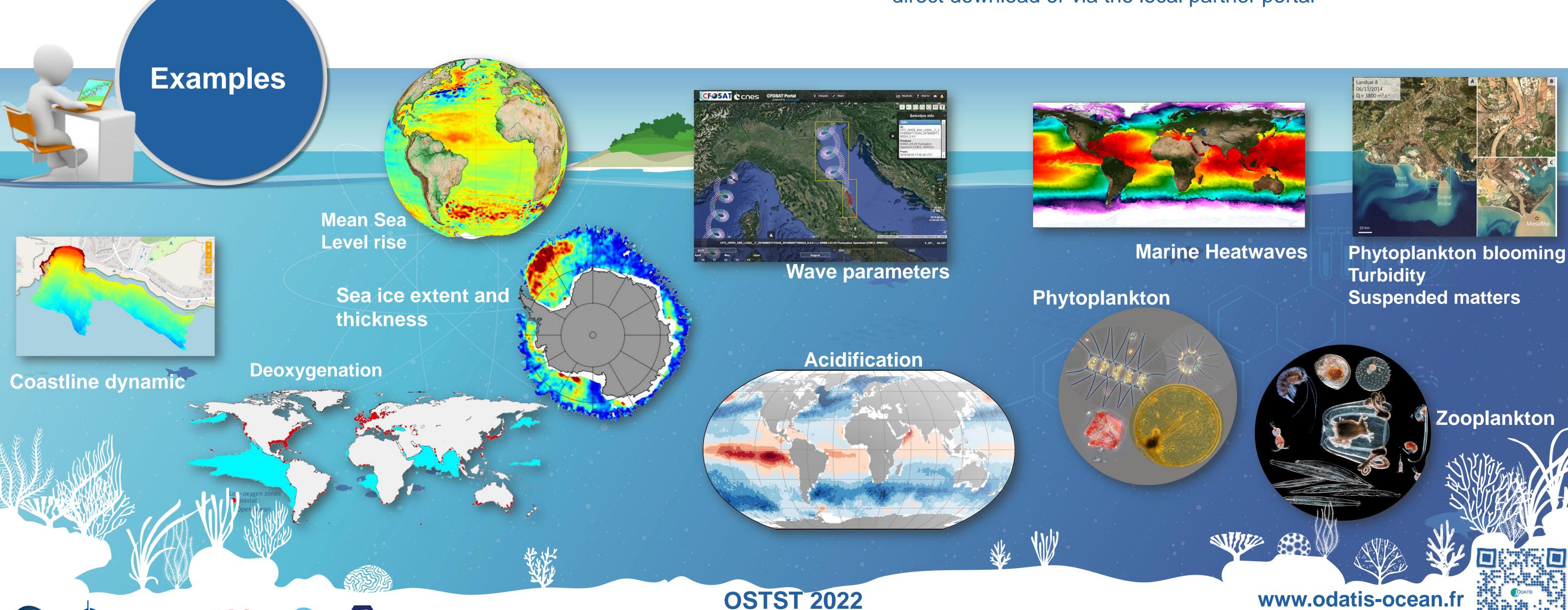
Services

**Promotion and** support for data usage



The ODATIS data and products catalog provides access to 200 metadata sheets to access data sets provided by the national community and their links with international programs.

- search with selection filters,
- description of the data,
- visualization capable of overlaying several datasets,
- direct download or via the local partner portal



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