



ISTITUTO NAZIONALE  
DI GEOFISICA E VULCANOLOGIA

# Gestione Dati del Gruppo Oceano e Clima

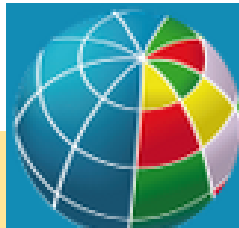
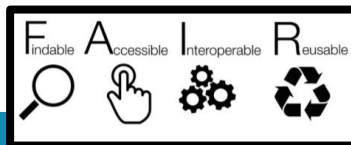
*S. Simoncelli e Claudia Fratianni*

INGV, Sezione di Bologna

- Data Ingestion
  - Chemistry
  - Physics



M2M data access



**INGV OCEANO GROUP BO ERDDAP**

Easier access to scientific data

<http://oceano.bo.ingv.it/erddap/index.html>

**CED 4.0**

**Ufficio Gestione Dati**

**ITINERIS**



Near Real Time

Delay Mode

Products

**XBT cruises**

**REProcessed XBT dataset**

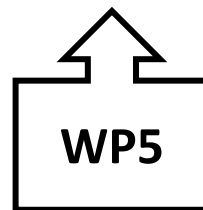
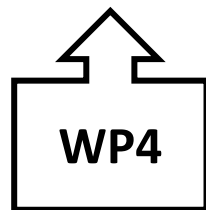
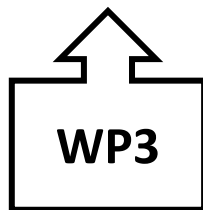
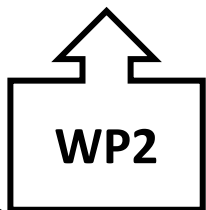
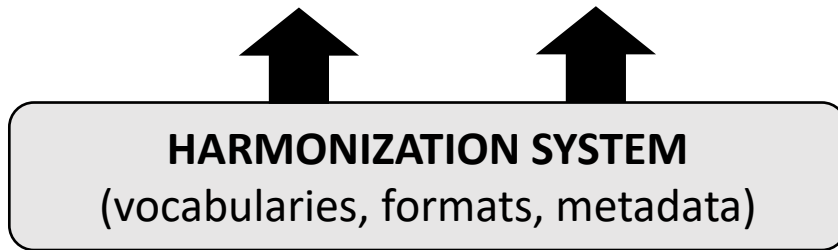
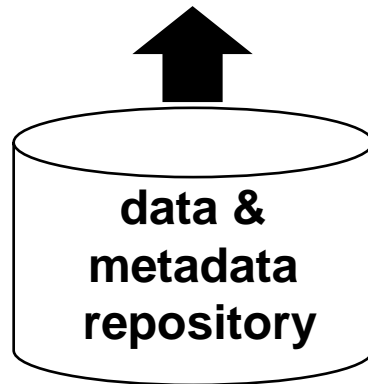
SDN aggregated datasets  
 SDN climatologies  
 EMODnet Phys HR climatology  
 Med reanalysis, MFS forecast



# MACMAP



Registro Dati



Data Management Platform

- **ERDDAP** usato come **Data Lake** per condividere internamente dati dei modelli climatici HResMIP
- 12 multi-disciplinary datasets sono pubblicati o in preparazione

# Workflows and software



eosc | Blue-Cloud2026

eosc | FAIR-EASE  
Building Interoperable Earth Science & Environmental Services

