PROGRAMME OF THE EUROPEAN UNION

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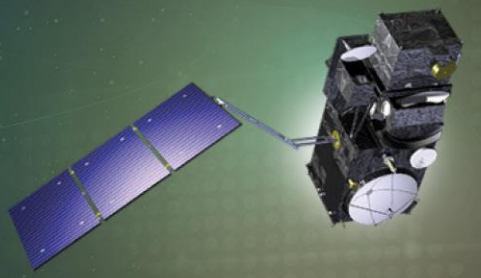

7th Sentinel-3 Validation Team Meeting 2022

18-20 October 2022 | ESA-ESRIN | Frascati (Rm), Italy

Copernicus Ocean Colour Database OCDB

Evolution with the FRM4SOC Project

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OCEAN COLOUR DATABASE - OCDB

Mission Statement

Fiducial Reference Measurements (**FRMs**) are key for **reliable validation and verification** of satellite products.

Thus, their collection is a **continuous and important task**.

Proper management of **ocean colour radiometric** as well as b**io-geo-chemical in-situ data** in general, and in particular those which **qualify as FRMs**, is the objective of COPERNICUS Ocean Colour Database (OCDB).

The OCDB has been developed with the requirement of **interoperability with NASA's SeaBASS** database.

OCEAN COLOUR DATABASE - OCDB

Guiding Principles

Lightweight

User-friendly

Open and extendible

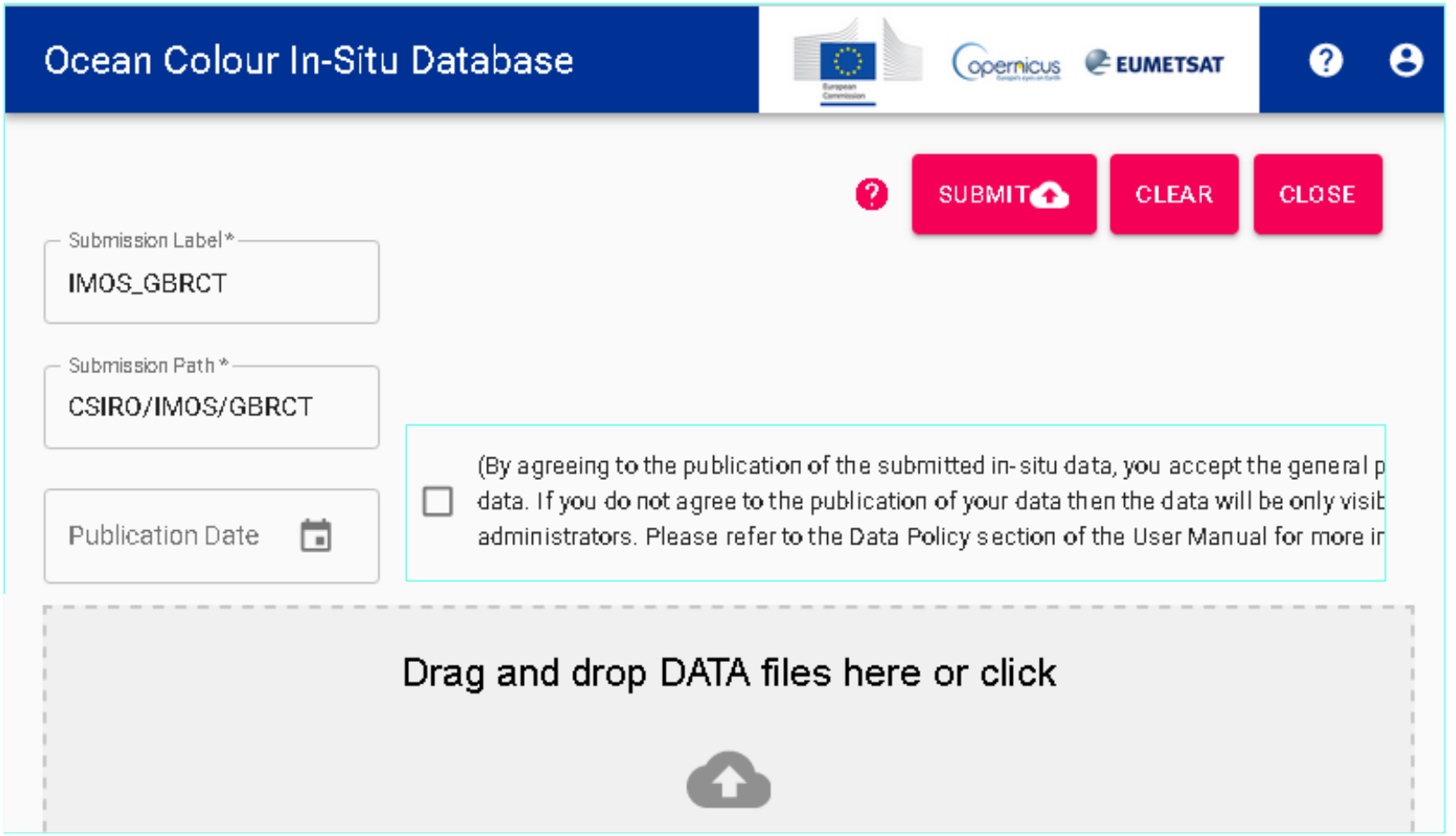
Key Functionality

Ingestion of new data: automatic and manually

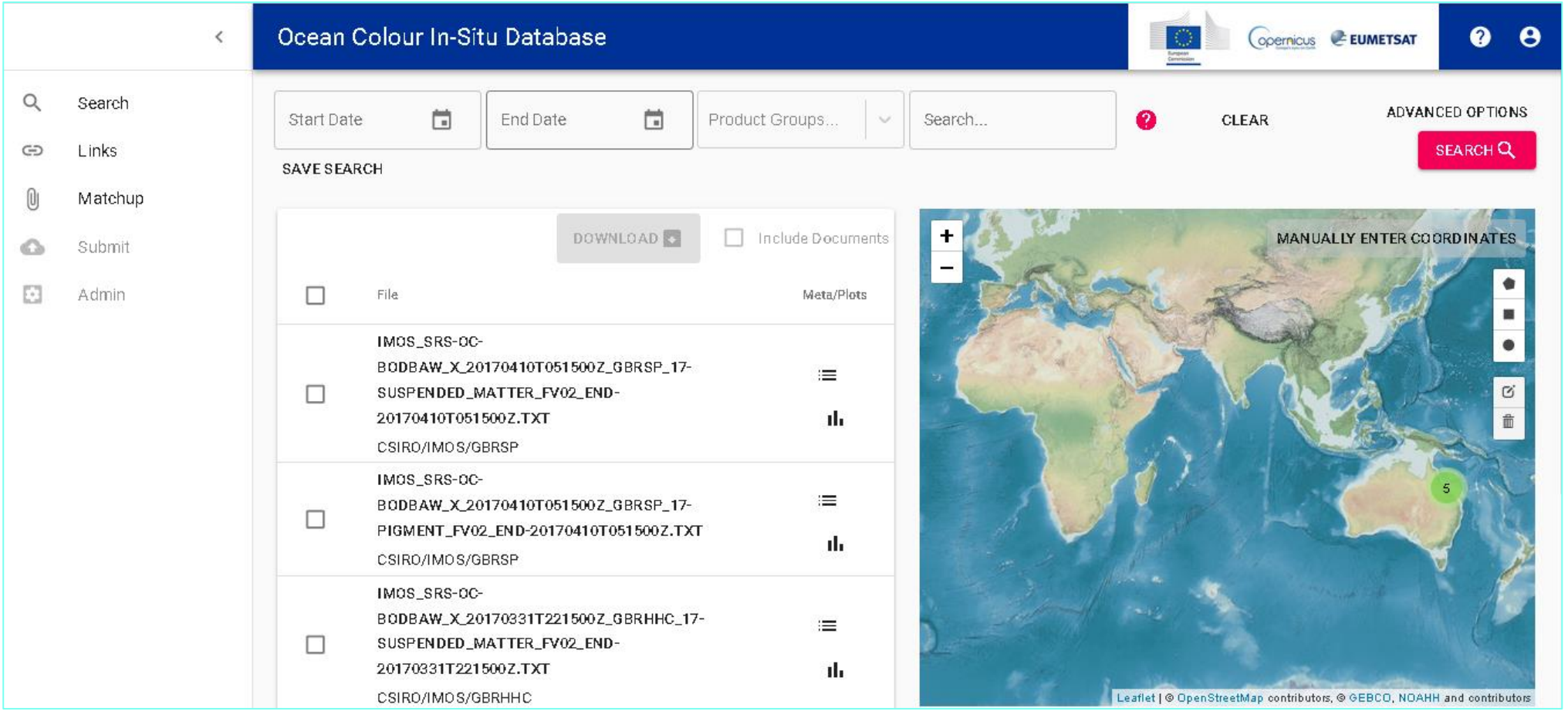
Quality control and protocol's compliancy check, in accordance with SeaBASS

Query and data retrieval

Data Upload


Ocean Colour In-Situ Database
opernicus
EUMETSAT
SUBMIT
CLEAR
CLOSE
Submission Label*
IMOS_GBRCT
Submission Path *
CSIRO/IMOS/GBRCT
Publication Date
(By agreeing to the publication of the submitted in-situ data, you accept the general p
data. If you do not agree to the publication of your data then the data will be only visit
administrators. Please refer to the Data Policy section of the User Manual for more ir
Drag and drop DATA files here or click

Search Interface



Evolution within FRM4SOC

fiducial reference measurements for satellite ocean colour

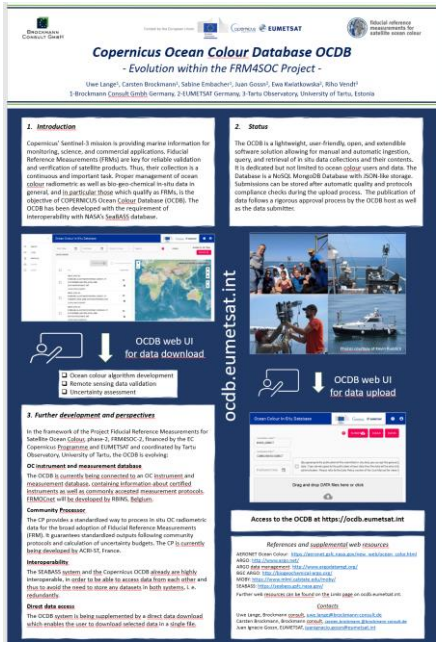
Link / extend OCDB:

OC instrument and measurement database

Community Processor

Interoperability

Direct Data Access



POSTER AVAILABLE – DEMO & DISCUSS!