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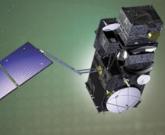
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Copernicus Ocean Colour Database OCDB Evolution with the FRM4SOC Project

Uwe Lange¹, Carsten Brockmann¹, Sabine Embacher¹, Juan Gossn², Ewa Kwiatkowska², Riho Vendt³ Brockmann Consult GmbH, EUMETSAT, University of Tartu

→ THE EUROPEAN SPACE AGENCY







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 bio-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

3



Data Upload

Ocean Colour In-Situ		EUMETSAT	•	θ		
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Copernicus Ocean Colour Database OCDB - Evolution within the FRM4SOC Project -



EUMETSAT



Evolution within FRM4SOC



fiducial reference measurements for satellite ocean colour

Link / extend OCDB:

OC instrument and measurement database

Community Processor

Interoperability

Direct Data Access





6