



DATA
TERRA



ODATIS

Données et Services du CDS-IS-IMEV

Catherine Schmechtig

Assemblée Générale ODATIS

12-13 décembre 2023

Observatoire Aquitain des Sciences de l'Univers, Pessac



15/12/2023

contact@odatis-ocean.fr | www.odatis-ocean.fr

- Support aux campagnes d'intérêt biogéochimiques labélisées par le programme national LEFE-CYBER de l'INSU
- Données Boussole (fin du programme en décembre 2023)
- Contrôle qualité des données BGC-Argo en partenariat avec le CDS-IS-Coriolis

Données et produits gérés

- Pour la base de données LEFE-CYBER, stockage et mise à disposition de

Biologie marine

Phytoplancton, zooplancton,,
matières en suspension

Biogéochimie

Oxygène dissous, système des carbonates – CO₂ pH marin, nutriments, pigments, CDOM, métaux, éléments chimiques et contaminants, isotopes

Physique de l'océan

Salinité, température , hauteurs de mer, marées, vagues, courant, glace, contenu thermique, paramètres optiques, turbidité

- Pour Argo, qualification en temps différé des données BGC

Biogéochimie

Oxygène dissous, pH marin, nutriments, pigments, particules en suspension

Outils & Services

APERRO FLOATS DEPLOYMENT

Four BGC-Argo floats were deployed during the APERO cruise

- 4903739
- 4903740
- 6990580
- 1902637

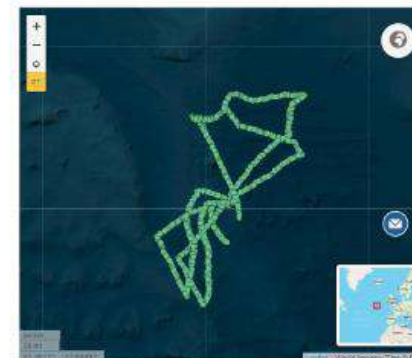
Argo float data (Sprof) are synchronized from the [Coriolis ftp site](#).

More information (interactive map) can be found at the [BGC-Argo Website](#).

Un espace où les données de travail sont regroupées

APERRO GLIDERS DEPLOYMENT

Three gliders were deployed during the APERO cruise



Gliders trajectory on the [Coriolis data selection tool](#)

- sea002 (8900999)
- sea090 (8901023)
- sea092 (8901032)

Data are synchronized from the [Coriolis ftp site](#).

(no) param	method	sampling	s_f	data	fiche	resp
(29) NO2	Colorimetry/Autoanalyser	Rosette	Stock	<input type="checkbox"/>		Pujo-Pay M.
(28) NO3	Colorimetry/Autoanalyser	Rosette	Stock	<input type="checkbox"/>		Pujo-Pay M.

Outils & Services

French Oceanographic Cruises



PROSOPE

Type Oceanographic cruise
 Ship Thalassa
 Ship owner Ifremer
 Dates 04/09/1999 (La Seyne-sur-Mer) - 04/10/1999 (Agadir)
 Chief scientist(s) CLAUSTRÉ Hervé
 INSTITUT DE LA MER DE VILLEFRANCHE
 181 Chemin du Lazaret
 06230 VILLEFRANCHE SUR MER
<https://www.imev-mer.fr/web/>
 DOI 10.17600/99040060
 Objective Studying the variability of biogeochemical characteristics over a small spatial scale and short time scale. Investigation of chemical and biological processes regulating carbon fluxes, particularly the limiting role played by phosphorous on primary production in the Mediterranean. Validating bio-optic models for primary production. Validation/calibration of SeaWiFS satellite-borne colour sensor. The related project is INSU's PROSCOPE operation in the PROOF (ocean processes and fluxes) programme. The study zone is that of the upwelling off Morocco (31 deg N / 10 deg W) and the Mediterranean (Alboran Sea, western basin, Ionian Sea, Tyrrhenian Sea and Ligurian Sea).



How to cite ?

CLAUSTRÉ Hervé (1999)
 PROSOPE cruise, RV Thalassa,
<https://doi.org/10.17600/99040060>

seamless.org/dataset/00605/71723/

The screenshot shows the SEANOE (Sea scientific open data edition) website. The main heading is "BIOGEOCHEMICAL dataset collected during the PROSOPE cruise". It includes a "Click to download the data" button with a "DATA" icon, a map of the cruise track, and a list of authors and affiliations. The authors list includes names like Claustré Hervé, Antoine David, Babin Marco, and many others. The affiliations list includes institutions like Sorbonne Université, CNRS, and Woods Hole Oceanographic Institution.

Aide pour adosser au DOI
 de la FOF, un DOI de
 biogéochimie
 -metadata
 -formatage

Projets dans lesquels le CDS est impliqué

- FAIR-EASE

FAIR-EASE is a RIA project funded under HORIZON-INFRA-2021-EOSC-01-04

<https://fairease.eu/use-cases/environmental-bio-geochemical-assets>

- GEORGE

Next Generation Multiplatform Ocean Observing Technologies for Research Infrastructures (Euro-Argo, EMSO, ICOS)

- APERO

Assessing marine biogenic matter Production, Export and Remineralization : from the surface to the dark Ocean (ANR en prep pour les data)

- En cours de rédaction Euro-Argo One

Suite du projet Euro-Argo Rise

<https://www.euro-argo.eu/EU-Projects/Euro-Argo-RISE-2019-2022>