

OF THE ATLANTIC DEEP OCEAN

Final Workshop Instituto Superior Técnico, Lisboa, Portugal 1st June 2023





Data sharing from cruises: GEONETWORK





This project has received funding from the European Union's Interreg Atlantic Area programme under the grant EAPA 165/2016



Atlantic Area





ACTION 4 - 4.4. Past and on-going data collection

- Do not develop a new data repository.
- Use European infraestructures where partners of iFADO routinely submit their data.
- Seadatanet
 - Cruise summary reports
- Geonetwork
 - Catalogue Node











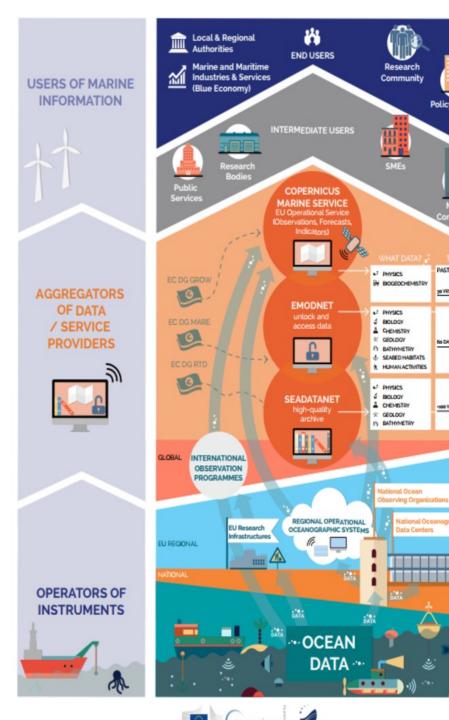


Seadatanet



- Pan-European Initiative for Ocean management promoted by **National** Oceanographic Data Centers (NODCs)
- In de framework of the initiative, different standards for metadata and data developed.
- NODCs report Scientific Cruises data by two ways
 - Cruise summary reports (CSR)
 - Metadata format
 - Common Data Index (CDI).
 - Data file format







PAN-EUROPEAN INFRASTRUCTURE FOR **OCEAN & MARINE DATA MANAGEMENT**

Cruise Summary Report (CSR)



Pelacus 2022-04 CSR REF-NO: 21025501 Download XML









GENERAL INFORMATION

Platform/Ship ID

Vizconde de Eza 21025501

Cruise begin Cruise end 30.04.2022 01.04.2022

Port of Departure Port of Return Vigo, Spain Pasajes, Spain

Chief Scientist(s)

Carrera, Pablo - IEO-CSIC, Vigo Oceanographic Centre

Responsible(s) Laboratory

IEO-CSIC, Vigo Oceanographic Centre



DESCRIPTION

to evaluate total bomass of pelagic fish species by echointegration method



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Cruise Summary Report (CSR)



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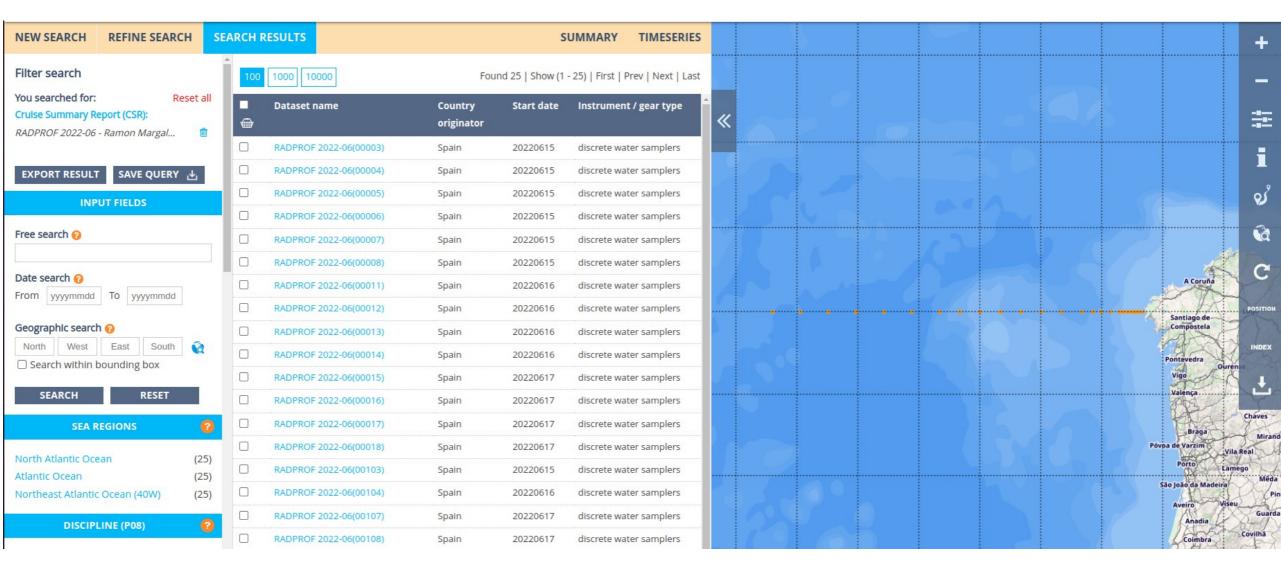


Туре	Quantity	Description	Reference date	PI	Organisation
BIOLOGICAL OCEANOGRAPHY					
B08 Phytoplankton	40 stations	vertical and oblique plankton tows	05.04.2022	Bode, Antonio	IEO-CSIC, Spanish Oceanographic Institute
B13 Eggs & larvae	310 stations	egg counts from Continuous Undeway Fish Egg Sampler	04.04.2022	Díaz, Paz	IEO-CSIC, Spanish Oceanographic Institute
B14 Pelagic fish	27 stations	pelagic fishing stations	04.04.2022	Autón , Urbano	IEO-CSIC, Spanish Oceanographic Institute
B26 Mammals & reptiles	80 hours	marine observers	04.04.2022	Saavedra, Camilo	IEO-CSIC, Spanish Oceanographic Institute
B28 Acoustic reflection on marine organ	1000 stations	ECHOINTEGRATION WITH ESDU AT 1 nmi	03.04.2022	Carrera, Pablo	IEO-CSIC, Spanish Oceanographic Institute
PHYSICAL OCEANOGRAPHY					
H10 CTD stations	60 stations	-	05.04.2022	Bode, Antonio	IEO-CSIC, Spanish Oceanographic Institute



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Common Data Index (CDI)

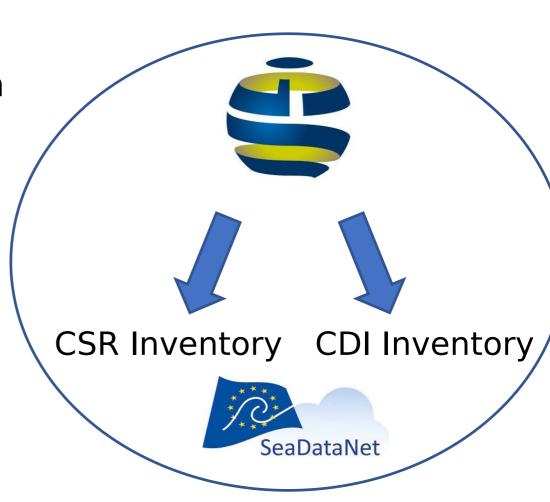








- Free and open source (FOSS) cataloge application to spatially referenced data
- Use the standards Open Geoespatial Consortium (OGC)
 - Web Catalogue Service (WCS)
- Facilitates data discovery and data access
- Easy to connect SeaDataNet database (CSR and CDI)







IFADO Geonetwork



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件 iFADO

The iFADO project aims to create marine services at regional and subregional scale using the EU Atlantic Waters as case study. By filling current technical gaps, iFADO would use the Marine Strategy Framework Directive (MSFD) implementation to demonstrate the application of innovative products. The project will combine traditional monitoring with cost-effective, state-of-the-art technologies: remote sensing, numerical modelling and emerging observation platforms such us gliders and oceanic buoys.



Composed of

Years facet-Organisation

2018 (3) | 2019 (3) | 2020 (2) | 2021 (3) | 2022 (5)

Center for Tropical Marine Ecology, Bremen (1)

Helmholtz Centre for Ocean Research Kiel (Westshore campus) (1)

IEO-CSIC, A Coruna Oceanographic Centre (4)

IEO-CSIC, Balearic Islands Oceanographic Centre (1)

IEO-CSIC, Gijon Oceanographic Centre (2)

IEO-CSIC, Vigo Oceanographic Centre (1) Marine Institute (4)

Portuguese Institute for Sea and Atmosphere (4)

Senckenberg by the Sea, Wilhelmshaven (1)

Celtic Explorer (4) Miguel Oliver (4) Ramon Margalef (4)

Vizconde de Eza (2) Meteor (1) Poseidon (1)

Sarmiento de Gamboa (1) | Sonne (1)

facet-keywordTypeplatform



Campaña/Survey: RADPROF 08-2018

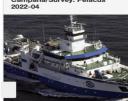


Campaña/Survey: iFADO-RADPROF



Campaña/Survey: M150





Campaña/Survey: Pelacus

Campaña/Survey: SO285



Campaña/Survey: Ocean



Campaña/Survey: Ocean



Campaña/Survey: RADPROF



Campaña/Survey: RADPROF



Campaña/Survey: POS533-1





Campaña/Survey: RADPROF Campaña/Survey: PELACUS



Campaña/Survey: CE21003



Campaña/Survey: PELAGO



Campaña/Survey: PELAGO 2022-03 (part1)



Campaña/Survey: PELAGO 2022-03 (part2)



Campaña/Survey: PELAGO



Campaña/Survey: Marine Institute Ocean Climate.







IFADO Geonetwork





Catálogo de datos del IEO

Q Search

Map

◆ Sign in

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English

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Campaña: RADPROF 202206

The main objective is to characterize the water masses in the region from the surface to 5000m. This transect is part of a serie of hidrographic cruises that since 2003 are developed as part of the core program of the IEO.



Download and links



SeaDataNet - CRS inventory

Base de datos internacional con información de campañas desde 1873 hasta la actualidad. La presente campaña la podrás encontrar como RADPROF 202206.

https://csr.seadatanet.org/report/21026026



SeaDataNet - CDI inventory

Descubre si hay datos de esta campaña disponibles, utilizando para ello la etiqueta RADPROF 202206 en el buscador de datos de SeaDataNet.

https://cdi.seadatanet.org/search/browse.php?step=~04321026026

Open link

Open link



Overview



thumbnail







THANK YOU SO MUCH



