

# Agenda of the meeting (1<sup>st</sup> day – 17<sup>th</sup> October)

## Work Package reports

Each WP and task leaders will present the 2<sup>nd</sup> year outcomes and the plans for next year

- WP1-2: Management and coordination (**IFREMER**)
- WP3: Second training of data providers (**IODE**)
- WP4: Communication and Dissemination (**ENEA and RBINS**)
- WP5: Metadata and data catalogues: status, CSR (**HCMR and IFREMER**)
- WP7: Scientific committee (**EC-JRC**)
- WP8: Standard and services (**HCMR** and **BODC**) : Monitoring, Linked data implementation
- WP9: Upstream services (**MARIS, EUDAT-CSC, 52°north, BODC**): deployment and switch of the CDI, SWE ingestion service and Glider data

## Agenda of the meeting (2<sup>nd</sup> day, 18<sup>th</sup> October)

- Morning
  - Work Package reports (continuation)
    - WP10: Downstream services(**MARIS**, **AWI**, **ULiège**, **Deltares** and **VLIZ**): VRE, ODV online, Diva online, visualisation services, online, Biological QC
    - WP11: Data products (**INGV**, **ULiège**, **METU-IMS**): SDC climatologies, integration of external datasets, product publication
  - Work plan for next year, recommendations for the 2<sup>nd</sup> report (**IFREMER**)
  - Other related European projects (**MARIS**)

## Agenda of the meeting (2<sup>nd</sup> day, October 18)

- Afternoon – 4 invited speakers
  - **Oleg Makarynsky** from MetOcean Dynamic Solutions, Australia – *Artificial intelligence for long-term ocean data interpolation (presentation made by George Zodiatis, Orion, Cyprus)*
  - **Johannes Karstensen**, member of the SDC SC, GEOMAR, Germany - *Success and challenges in data and metadata management of a global ocean observing network*
  - **Kevin Balem**, IFREMER, France – *Machine learning in physical oceanography at the Laboratory of Physical and Spatial Oceanography (LOPS)*
  - **Loïc Petit de la Villéon** , IFREMER, France - *Status of the CMEMS products, and how SeaDataNet and CMEMS could better cooperate on products.*















# SeaDataCloud

Introduction and general comments

M. Fichaut

Third annual meeting, Brest, France, 17-18 October 2019  
[sdn-userdesk@seadatanet.org](mailto:sdn-userdesk@seadatanet.org) – [www.seadatanet.org](http://www.seadatanet.org)

## 3/4 of the project

- Lot of work done  or on-going 
  -  New versions of the SDN tools (MIKADO, OCTOPUS)
  -  New version of NEMO
  -  New aggregated datasets and climatologies
  -  2nd Training session
  -  Deployment of the new CDI portal for discovery and download
  -  Switch from DM to RM and to the cloud environment a
  -  New Virtual Research Environment (VRE) with most of the tools operational (ODV, DIVA, Visualisation, Biological QC)
  -  New version of the monitoring service
  -  Sub-setting service in the VRE
  -  File conversion to INSPIRE



# SeaDataCloud

Management - Coordination  
3<sup>rd</sup> year outcome

M. Fichaut

Third annual meeting, Brest, France, 17-18 October 2019  
[sdn-userdesk@seadatanet.org](mailto:sdn-userdesk@seadatanet.org) – [www.seadatanet.org](http://www.seadatanet.org)

## Overview

- Report on WP1 – Management
  - Status of the contracts: GA and sub-contracts
  - Midterm review
- Report on WP2 coordination
  - Coordination meetings
  - Web site changes
- Status of WP1-WP2 deliverables

## Contract status – Amendment signed on 14/11/2018

- Grant agreement, 2<sup>nd</sup> Amendment
  - Transfer of sub-contracting UNESCO/IODE from partner 1 (IFREMER) to partner 23 (VLIZ),
  - 1 member of the scientific committee replaced
  - Person/month missing for University of Bordeaux (third party of partner 55 - CNRS)
  - Third party added for partner 14 (ULG) with no changes on total budget of Uliège
  - Third party added for partner 40 (DELTAIRES) with no changes on total budget of DELTAIRES
  - Partner 3 (BODC) and partner 48 (STFC) merged into partner 48 (UKRI) with 2 parts for the description of work: UKRI-BODC in replacement of BODC and UKRI-STFC in replacement of STFC
  - Change of the delivery date of D2.5 (minutes of the final meeting) from M18 to M48





## Sub-Contract status

- Sub-contracts (INSTM, IODE, JCOMMOPS, CSIRO, IMBK)

SDC Partner	Sub-contractor	Status	Payment
IFREMER	INSTM	Signed on 23/02/2017	1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup>
	WMO for JCOMMOPS	Signed on 05/07/2019	1 <sup>st</sup>
VLIZ	IOC/IODE	Signed on 16/03/2018	Amendment signed on 14/11/2018
MARIS	CSIRO	Signed on 16/05/2017	1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> planned at M36
OGS	IMBK	Signed on 17/07/2017	1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup>

## Mid-term review: 6<sup>th</sup> December 2018

- Organised by RBINS in Brussels
- Participants: coordinators, work package leaders, AWI for ODV presentation, ULiège for DIVA presentation and LHEI for NODC use case presentation. OGS also representing EMODnet-chemistry project
- Reviewer: Catherine MacDonald, private consultant
- Synthetic report on progress made between M18 and M24 send ahead of the review
- Very tough agenda for the day : total of 17 presentations
- Everything online on SDC website  
<https://www.seadatanet.org/Events/Others/Mid-term-review>  
and review report on the extranet

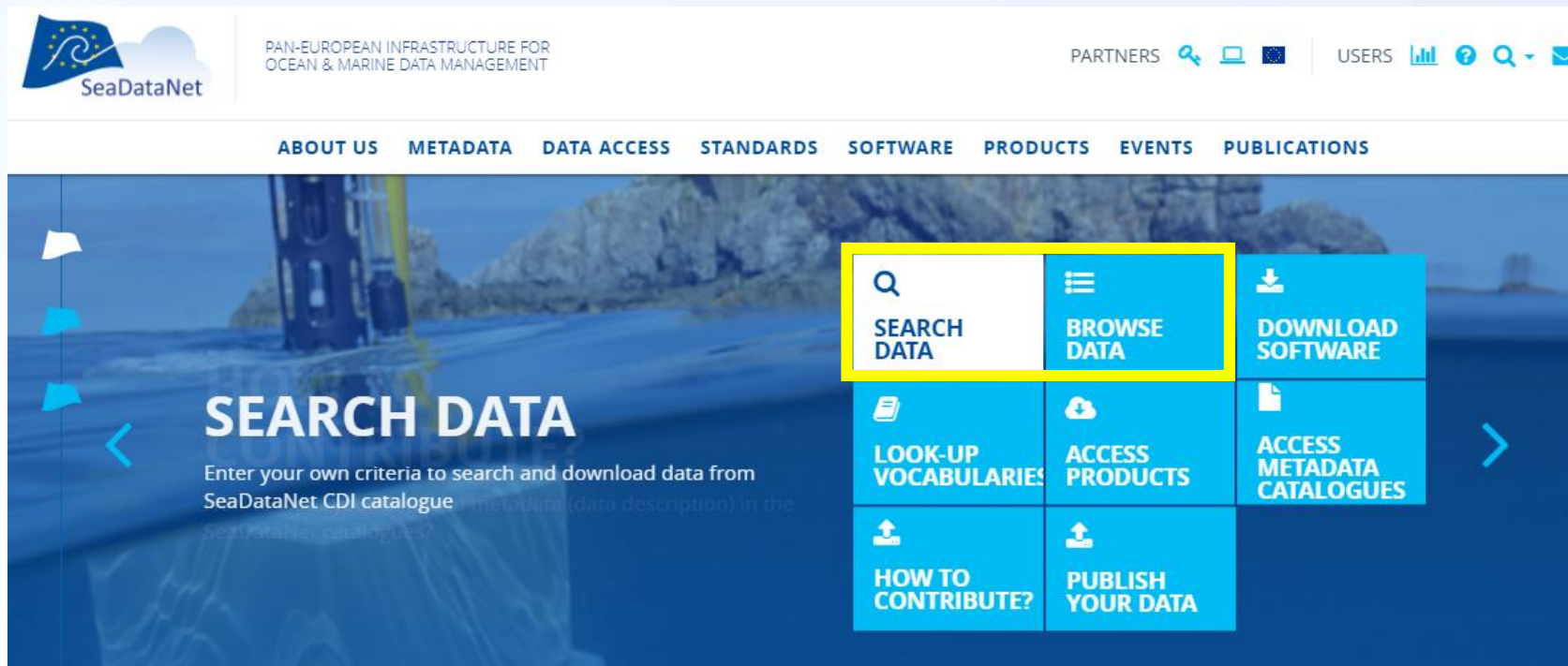
## Mid-term review: Report sent in March 2019

- Very good report, all deliverables accepted
- Recommendations
  - Clarify coordination and overlap with CMEMS
  - The project should demonstrate what needs to be archived with regards to supporting reproducible science : for example, previous versions of software. Reproducibility is very particularly important in the context of climate change
  - Communication tailored to and for decision-makers will be increasingly important, to show the value of the investment, and also to make it easy for funders to demonstrate that they have allocated scarce resources wisely. Collection of metrics to support both efficient management and also communications and marketing is essential.









## WP2 – Coordination meetings

- 1 plenary meeting
  - 3<sup>rd</sup> year annual meeting, Brest, October 2019
- 2 steering Group meetings
  - 6<sup>th</sup> SG meeting Liverpool, May 2019
  - 7<sup>th</sup> SG meeting in Brest, October 2019

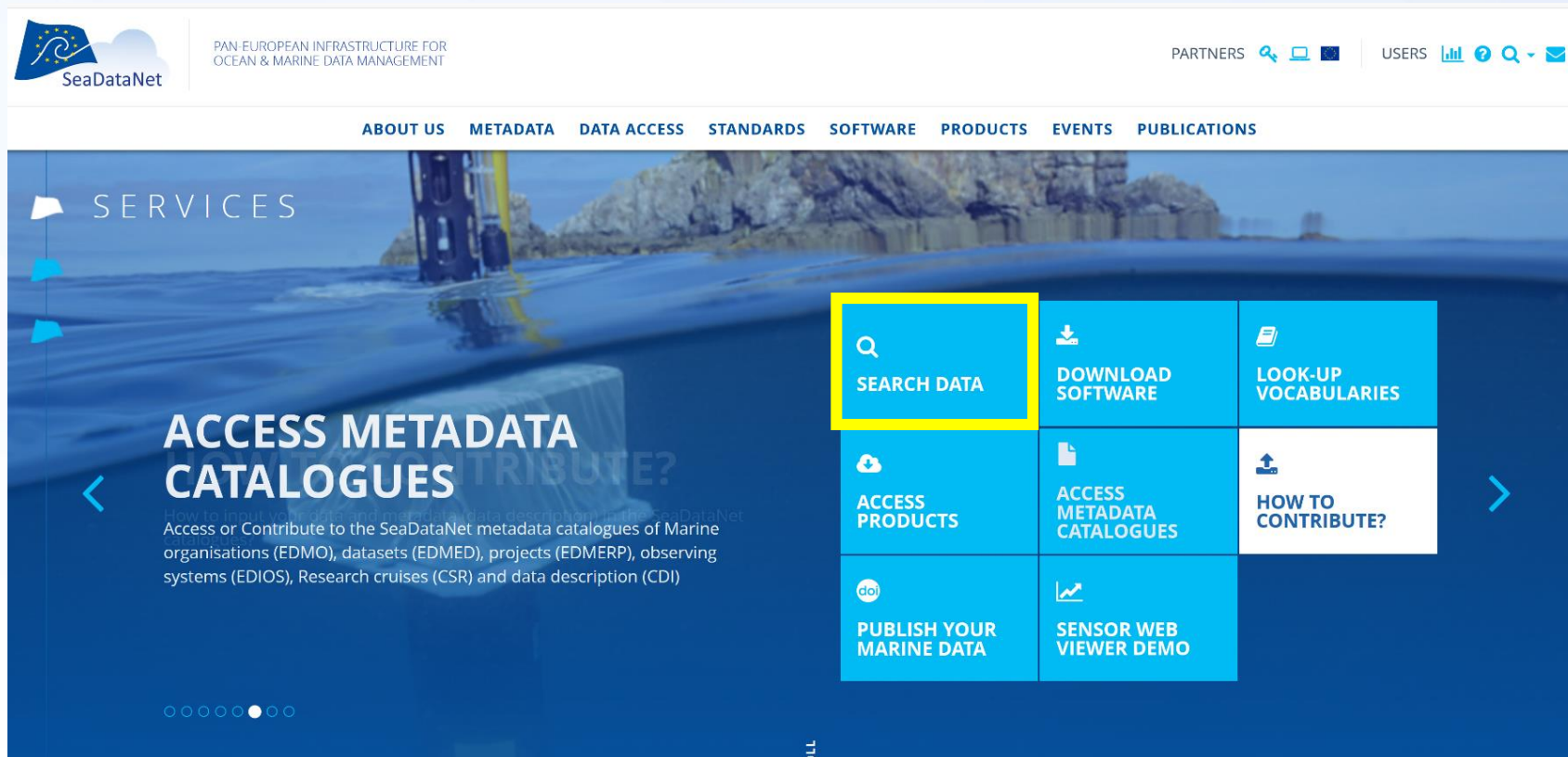
# Changes on SDN web site (1)



The screenshot shows the SeaDataNet website interface. The header includes the SeaDataNet logo, the text 'PAN-EUROPEAN INFRASTRUCTURE FOR OCEAN & MARINE DATA MANAGEMENT', and navigation links for PARTNERS and USERS. A main navigation bar lists: ABOUT US, METADATA, DATA ACCESS, STANDARDS, SOFTWARE, PRODUCTS, EVENTS, and PUBLICATIONS. The main content area features a large 'SEARCH DATA' section on the left with a blue background and white text, and a grid of six blue buttons on the right. The 'SEARCH DATA' button is highlighted with a yellow border. The buttons are arranged in a 3x2 grid:

 <b>SEARCH DATA</b>	 <b>BROWSE DATA</b>	 <b>DOWNLOAD SOFTWARE</b>
 <b>LOOK-UP VOCABULARIES</b>	 <b>ACCESS PRODUCTS</b>	 <b>ACCESS METADATA CATALOGUES</b>
 <b>HOW TO CONTRIBUTE?</b>	 <b>PUBLISH YOUR DATA</b>	

# No more Browse data button



The screenshot shows the SeaDataNet website homepage. The header includes the SeaDataNet logo, the text "PAN-EUROPEAN INFRASTRUCTURE FOR OCEAN & MARINE DATA MANAGEMENT", and links for PARTNERS and USERS. A navigation bar contains links for ABOUT US, METADATA, DATA ACCESS, STANDARDS, SOFTWARE, PRODUCTS, EVENTS, and PUBLICATIONS. The main content area features a large blue banner with the text "SERVICES" and "ACCESS METADATA CATALOGUES". Below this, a grid of buttons is displayed, with the "SEARCH DATA" button highlighted by a yellow border. The buttons include: SEARCH DATA, DOWNLOAD SOFTWARE, LOOK-UP VOCABULARIES, ACCESS PRODUCTS, ACCESS METADATA CATALOGUES, HOW TO CONTRIBUTE?, PUBLISH YOUR MARINE DATA, and SENSOR WEB VIEWER DEMO. A small "HOW TO CONTRIBUTE?" text is also visible above the "ACCESS METADATA CATALOGUES" button.

SeaDataNet

PAN-EUROPEAN INFRASTRUCTURE FOR  
OCEAN & MARINE DATA MANAGEMENT

PARTNERS

USERS

ABOUT US METADATA DATA ACCESS STANDARDS SOFTWARE PRODUCTS EVENTS PUBLICATIONS

SERVICES

ACCESS METADATA CATALOGUES

How to input your data and metadata (data description) in the SeaDataNet Access or Contribute to the SeaDataNet metadata catalogues of Marine organisations (EDMO), datasets (EDMED), projects (EDMERP), observing systems (EDIOS), Research cruises (CSR) and data description (CDI)

SEARCH DATA

DOWNLOAD SOFTWARE

LOOK-UP VOCABULARIES

ACCESS PRODUCTS

ACCESS METADATA CATALOGUES


HOW TO CONTRIBUTE?

PUBLISH YOUR MARINE DATA

SENSOR WEB VIEWER DEMO



# Browse included in the Search results screen


PAN-EUROPEAN INFRASTRUCTURE FOR  
OCEAN & MARINE DATA MANAGEMENT

[Login](#)
DATASET BASKET 0

[NEW SEARCH](#)
[REFINE SEARCH](#)
[SEARCH RESULTS](#)
[SUMMARY](#)
[TIMESERIES](#)

Free search ?

Date search ?

From  To

Geographic search ?

☐ Search within bounding box

[SEARCH](#)
[RESET](#)

20 100 1000

Found 2274102 | Show (1 - 20) | First | Prev | Next | Last

<input type="checkbox"/>	Dataset name	Country	Start date	Instrument / gear type
<input type="checkbox"/>	<a href="#">RNODC_Bottle_10855</a>	Russian Federati on	19780926	discrete water samplers
<input type="checkbox"/>	<a href="#">RNODC_Bottle_10855</a>	Russian Federati on	19781008	discrete water samplers
<input type="checkbox"/>	<a href="#">A011185h.baz</a>	Russian Federati on	19770407	discrete water samplers
<input type="checkbox"/>	<a href="#">RNODC_Bottle_8310</a>	Russian Federati on	19710804	discrete water samplers
<input type="checkbox"/>	<a href="#">Halichoerus_grypus_2002</a>	Sweden	20020521	observers
<input type="checkbox"/>	<a href="#">Halichoerus_grypus_2002</a>	Sweden	20020522	observers
<input type="checkbox"/>	<a href="#">Halichoerus_grypus_2002</a>	Sweden	20020805	observers
<input type="checkbox"/>	<a href="#">Halichoerus_grypus_2002</a>	Sweden	20020806	observers
<input type="checkbox"/>	<a href="#">Halichoerus_grypus_2002</a>	Sweden	20020807	observers
<input type="checkbox"/>	<a href="#">Halichoerus_grypus_2002</a>	Sweden	20020521	observers
<input type="checkbox"/>	<a href="#">Halichoerus_grypus_2002</a>	Sweden	20020526	observers
<input type="checkbox"/>	<a href="#">Halichoerus_grypus_2002</a>	Sweden	20020531	observers
<input type="checkbox"/>	<a href="#">Halichoerus_grypus_2002</a>	Sweden	20020807	observers
<input type="checkbox"/>	<a href="#">Halichoerus_grypus_2002</a>	Sweden	20020811	observers

**SEA REGIONS** ?

World (2267083)

Atlantic Ocean (957854)

North Atlantic Ocean (881228)

Northeast Atlantic Ocean (40... (804628)

Mediterranean Region (531726)

Baltic Sea (409942)

+ More

**DISCIPLINE (P08)X** ?

Physical oceanography (1786083)

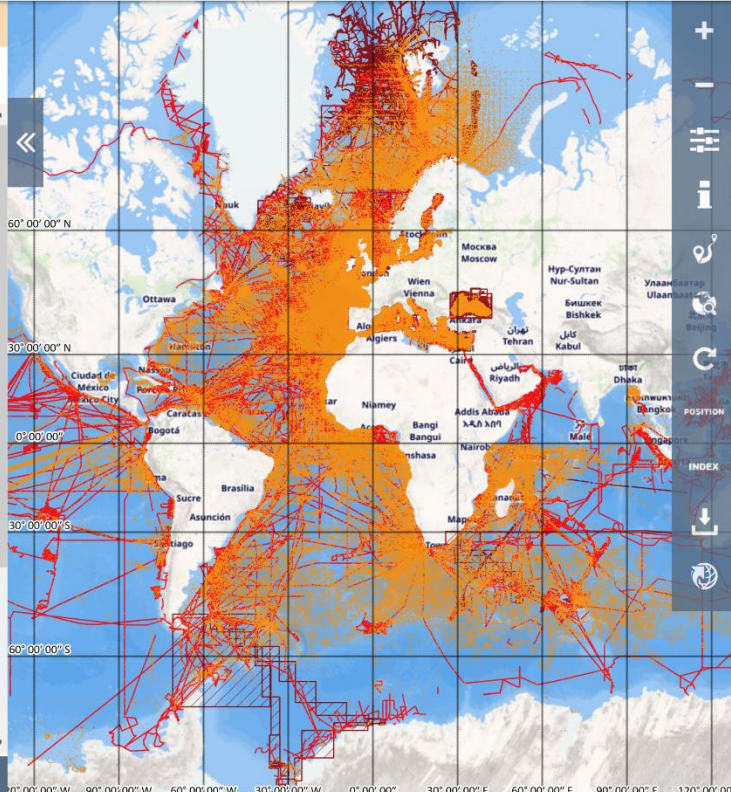
Chemical oceanography (900332)

Administration and dimensio... (808842)

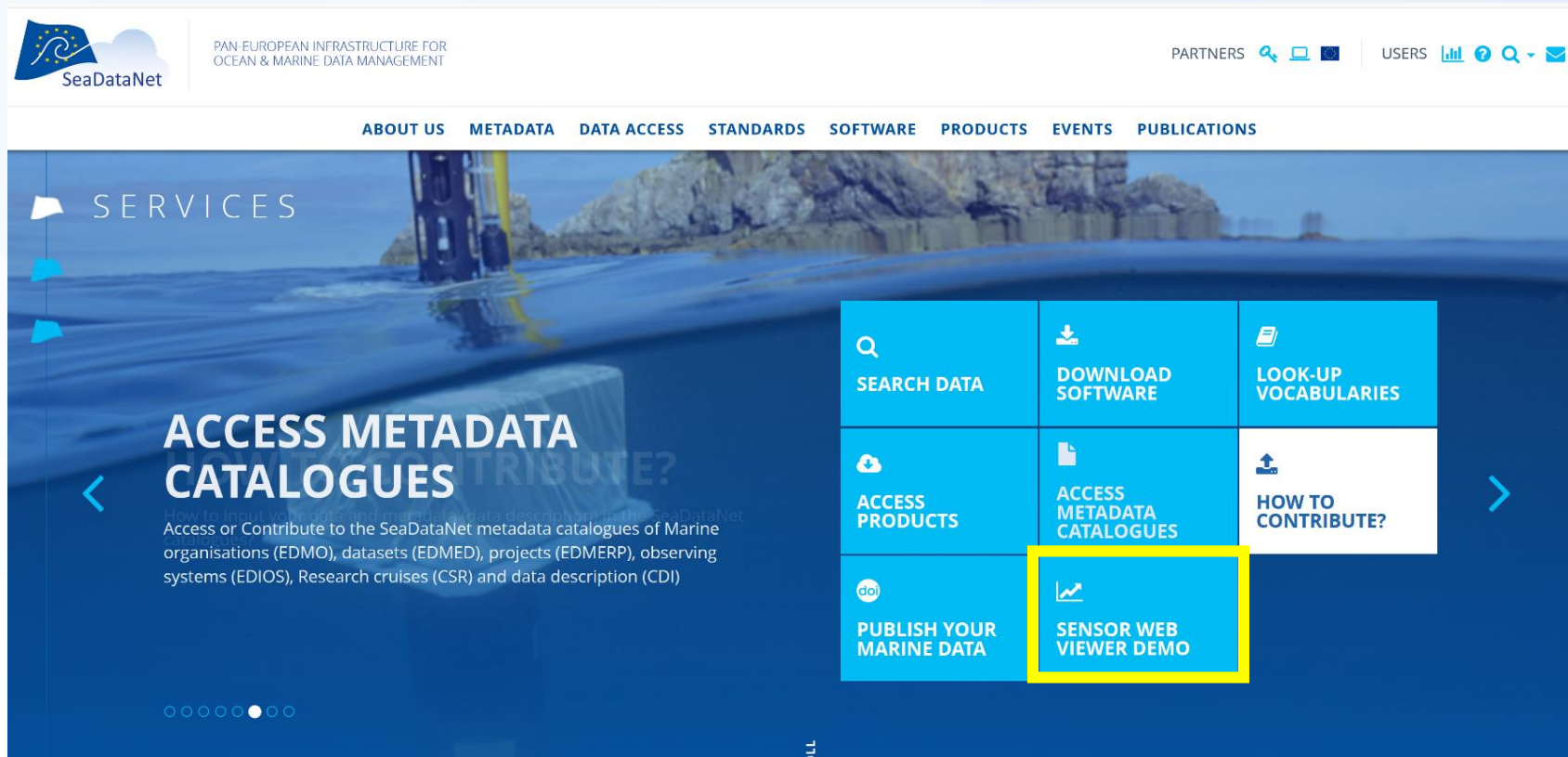
Biological oceanography (363840)

Marine geology (243724)

[EXPORT RESULT](#)
[SAVE QUERY](#)





# New “Sensor web viewer demo” service



SeaDataNet

PAN-EUROPEAN INFRASTRUCTURE FOR OCEAN & MARINE DATA MANAGEMENT









PARTNERS  USERS 

ABOUT US METADATA DATA ACCESS STANDARDS SOFTWARE PRODUCTS EVENTS PUBLICATIONS

SERVICES

## ACCESS METADATA CATALOGUES

How to input your data and metadata (data description) in the SeaDataNet Access or Contribute to the SeaDataNet metadata catalogues of Marine organisations (EDMO), datasets (EDMED), projects (EDMERP), observing systems (EDIOS), Research cruises (CSR) and data description (CDI)

 SEARCH DATA	 DOWNLOAD SOFTWARE	 LOOK-UP VOCABULARIES
 ACCESS PRODUCTS	 ACCESS METADATA CATALOGUES	 HOW TO CONTRIBUTE?
 PUBLISH YOUR MARINE DATA	 SENSOR WEB VIEWER DEMO	



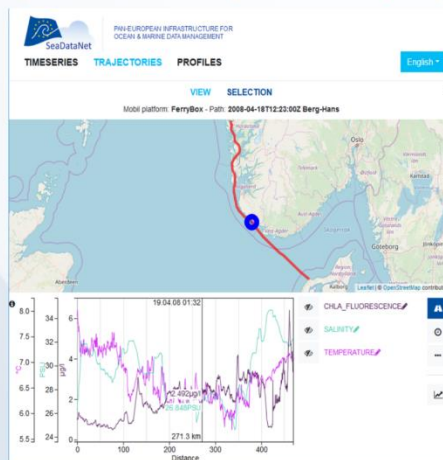
# Changes en SDN web site (2)

## SENSOR WEB VIEWER SERVICES

Open the viewer with a pre-selected time series



Open the viewer with a pre-selected trajectory



### INFOS

 Last modified on  
24/09/2019

### KEYWORDS

[data access](#) [portal](#) [marine data](#)

# New SeaDataNet AISBL web page

## SEADATANET AISBL

SeaDataNet AISBL is legal entity under the Belgian law ("International non-profit organization") officially established since May 6<sup>th</sup>, 2019. According to its [statutes](#), The Organization, which does not seek financial gain, aims to work in the collective interest of its members to improve the quality and effectiveness in the management, the processing and the dissemination of oceanographic data at national, regional and global levels.

More specifically the purpose of the Organization is:

1. Promote the SeaDataNet infrastructure, tools and services and the development of underpinning science and technology;
2. Foster cooperation and coordination within its Members in the field of data management, processing and dissemination ;
3. Promote and coordinate the development of commonly available products and services; and
4. Coordinate the contribution of the pan-European oceanographic data management community to the European Union initiatives for a better environmental status of the seas and oceans and for an improved marine knowledge in general.

SeaDataNet is a stable component of the SeaDataNet infrastructure, independent of the various organizations contributing to its good functioning, aiming at serving their interests in a coordinated

### INFOS



Last modified on  
04/10/2019

# Presentations organised per year

## PRESENTATIONS

Below are listed, classified by year, all presentations given about SeaDataNet infrastructure, SeaDataNet tools, or SeaDataNet, SeaDataNet2 or SeaDataCloud projects.

### INFOS



**Last modified on**  
01/07/2019

PRESENTATIONS 2019

PRESENTATIONS 2018

PRESENTATIONS 2017

## WP1-2: Deliverable status - 12 deliverables

Deliverable/ Milestone	N°	Contractual del. month	Delivery month	Leader
Operational coordination tools	D2.15	2	3	IFREMER
Project plan	D1.1	3	3	IFREMER
Signed consortium agreement	D1.2	3	4	IFREMER
Minutes of the kick-off meeting	D2.1	4	4	IFREMER
Minutes of the 1 <sup>st</sup> Steering Group meeting	D2.6	4	4	IFREMER
Minutes of the 2 <sup>nd</sup> Steering Group meeting	D2.7	9	11	IFREMER
Minutes of the first full network meeting	D2.2	14	14	IFREMER
Minutes of the third Steering Group meeting	D2.8	14	14	IFREMER
Minutes of the fourth Steering Group meeting	D2.9	20	20	IFREMER
Minutes of the second full network meeting	D2.3	26	26	IFREMER
Minutes of the fifth Steering Group meeting	D2.10	26	26	IFREMER
Minutes of the sixth Steering Group meeting	D2.11	32	32	IFREMER

