



SeaDataCloud second user workshop organization

WP4 – Deliverable 4.16



HORIZON 2020

sdn-userdesk@seadatanet.org – www.seadatanet.org

SeaDataCloud - Further developing the pan-European infrastructure for marine and ocean data management

Grant Agreement Number: 730960

Deliverable number

D4.16

Short title

2nd SeaDataCloud User Workshop organization

Long title

SeaDataCloud second user workshop

Short description

This deliverable describes the activities carried out to organize the Second SeaDataCloud User Workshop (SDCWS) held online on 17th September 2020. A more detailed report on the SDCWS results will be provided in D4.17

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Working group

WP4

Dissemination

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History

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1.0	E. Partescano	23/09/2020	Creation
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1. Organization of the Second User Workshop

Two SeaDataCloud user workshops were planned for SeaDataCloud GA to promote the use of SDN services mainly by marine scientists.

In the SeaDataCloud description of work, the first user workshop was planned for M30 while the second one was planned for M42, in April 2020 (task WP4.4 under OGS responsibility) as follows:

- Activities are aimed at establishing more engagement of the marine scientific community for using the SeaDataNet discovery, data and advanced services more often and as a very useful toolkit and collaborative workspace for supporting their research.
- A questionnaire will be designed to be completed by participants for evaluating and reviewing the Workshops and their experiences with the SeaDataNet services.
- Reporting on the User Workshops held to validate and to improve, if required, the set-up.

The organization of the workshop was agreed upon the support of the steering group.

Different solutions and locations were evaluated and proposed during the Steering Group Meetings.

In August 2019, we submitted a proposal to have a network session during the ICES ASC 2020: “Search, download and handle a wide range of oceanographic data with Cloud services capacity. A focused workshop provided by SeaDataCloud to present to the oceanographic community a set of user-oriented services, spanning from the Data Discovery to the Virtual Research Environment tools for data analysis” (Annex 1). This proposal was rejected in September 2019.

On 16th October, 2019, during the 7th Steering Group Meeting in Brest, a Copernicus event was suggested as a new opportunity.

In November 2019, as suggested by Steering group, Loic Petit de La Villéon, Pierre Yves Le Traon and Sylvie Pouliquen were contacted to identify a CMEMS event able to host the SeaDataCloud user Workshop, the best solution suggested was an event in spring 2020 probably in Sweden.

Due to the COVID-19 pandemic, most of conferences and events were cancelled, so we decided, in accordance with the project coordinator, to postpone the user workshop to M47. This was also agreed by the European Commission by the amendment AMD-730960-86.

On 28th April, 2020, during the 8th Steering Group meeting, the following solutions were considered:

1. EMODnet Open Conference and Jamboree (Oostende, 21-25 September 2020)
2. An “on-line” workshop.

Finally, a virtual session in September 2020 was preferred as the healthy emergency continued.

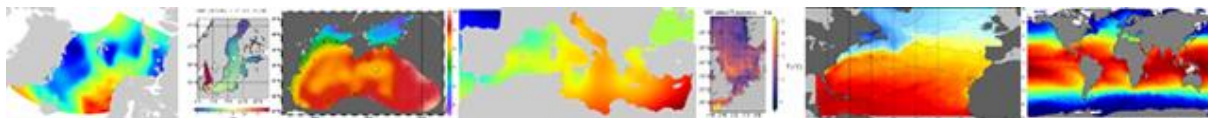
2. SeaDataCloud *Online* User Workshop: Hi-Tech to High knowledge

In accordance with the workshop speakers and the project coordinator, it was decided to organize the online workshop on the 17th of September 2020.



2.1. Promotion of the event by email

On 26th June, 2020, the invitation email was sent, using several project mailing lists (IMDIS, ODIP, SeaDataCloud, EMODnet Physics, EMODnet Human Activities and EMODnet Chemistry) and professional contacts.



SeaDataCloud Online User Workshop *Hi-Tech to High knowledge*

WEBINAR

September 17th, 2020 at 10.00 am UTC+2

The National Institute of Oceanography and Applied Geophysics (OGS), on behalf of the SeaDataCloud partnership, is pleased to invite you to the SeaDataCloud User Workshop, which will be held via webinar.

WEBINAR
SeaDataCloud Workshop
Hi-Tech to High knowledge
17th September
2020 at 10 am UTC+2

Save the date

An overview of the SeaDataCloud developments for the scientific community

SeaDataCloud

Horizon 2020

Then, on 14th September, 2020 a reminder was sent by email to inform all the pre-registered participants how to join the webinar:

SeaDataCloud **WORKSHOP IS COMING!**

01 09 41 35
DAYS HOURS MINUTES SECONDS

September 17th, 2020 at 10.00 am UTC+2

Dear attendees to the **SeadataCloud online user Workshop**,

The event is fastly approaching, so we are pleased to provide you with **some technical information on the Webinar**.

We chose **Cisco Webex** platform for our online sessions. You will only need to click **here** and insert the following password **SDCwebinar2020**.

We kindly recommend you to test your connection before attending the webinar.

Due to the huge number of participants, which makes us really enthusiastic, only the speakers' microphone will be switched on, but don't worry! **All participants are kindly encouraged to use the Questions & Answers (Q&A) panel for any information and clarifications.** SeaDataCloud experts will reply to you ASAP!

We also inform you that the sessions will be recorded and made available to the attendees.

See you soon!



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On 17th September, 2020 the last reminder was sent by email to all people registered and to recruit last-minute participants.

Ready to Start!

SeaDataCloud online User WORKSHOP

**Today, September 17th, 2020 at 10.00 am
UTC+2**

Dear attendees to the **SeadataCloud online user Workshop**,

The meeting is about to start and we kindly remind you that you will only need to click [here](#) and insert the following password **SDCwebinar2020**.

Please, test your connection before attending the webinar.

We also remind you that the sessions will be recorded and made available to the attendees.

Let's join us!



2.2. Promotion of the event on different Web sites

2.2.1. on SeaDataNet website

A dedicated page on the SeaDataNet was realized

(<https://www.seadatanet.org/Events/User-workshops>)



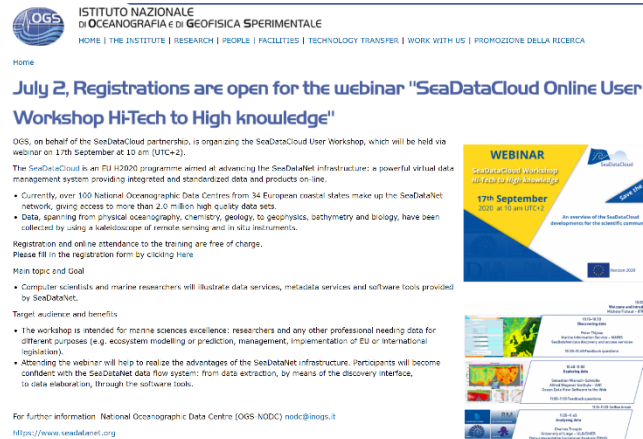
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2.2.2. on OGS website

An announcement was inserted on OGS website: (<https://www.inogs.it/en/content/july-2-registrations-are-open-webinar-seadatacloud-online-user-workshop-hi-tech-high>)



The screenshot shows the OGS website page for the webinar. The header includes the OGS logo and the text "ISTITUTO NAZIONALE DI OCEANOGRAFIA e DI GEOFISICA SPERIMENTALE". The main heading is "July 2, Registrations are open for the webinar 'SeaDataCloud Online User Workshop Hi-Tech to High Knowledge'". The text describes the webinar as an online event on September 17th at 10:00 AM UTC+2. It highlights that SeaDataCloud is an EU Horizon 2020 programme aimed at advancing the SeaDataNet infrastructure, a powerful virtual data management system providing integrated and standardized data and products on-line. Key points include: currently over 100 National Oceanographic Data Centres from 34 European coastal states make up the SeaDataNet network, giving access to more than 2.0 million high quality data sets; data, spanning from physical oceanography, chemistry, geology, to geophysics, bathymetry and biology, have been collected by using a wide range of remote sensing and in situ instruments. Registration and online attendance to the training are free of charge. The page also lists the main topic and goal, target audience and benefits, and provides contact information for the National Oceanographic Data Centre (OGS-MODC) at nodc@inogs.it and <https://www.seadata.net>. A sidebar on the right contains a "WEBINAR" banner and a "Save the date" graphic.

2.2.3. on EMODnet Central Portal

(<https://www.emodnet.eu/en/save-date-seadatacloud-online-user-workshop-hi-tech-high-knowledge>)



The screenshot shows the EMODnet Central Portal page for the webinar. The header includes the EMODnet logo and the text "CENTRAL PORTAL Your gateway to marine data in Europe". The main heading is "Save the date - SeaDataCloud Online User Workshop Hi-Tech to High Knowledge". The text describes the webinar as an online event on September 17th at 10:00 AM UTC+2. It highlights that SeaDataCloud is an EU Horizon 2020 programme aimed at advancing the SeaDataNet infrastructure, a powerful virtual data management system providing integrated and standardized data and products on-line. Key points include: currently over 100 National Oceanographic Data Centres from 34 European coastal states make up the SeaDataNet network, giving access to more than 2.0 million high quality data sets; data, spanning from physical oceanography, chemistry, geology, to geophysics, bathymetry and biology, have been collected by using a wide range of remote sensing and in situ instruments. Registration and online attendance to the training are free of charge. The page also lists the main topic and goal, target audience and benefits, and provides contact information for the National Oceanographic Data Centre (OGS-MODC) at nodc@inogs.it and <https://www.seadata.net>. A sidebar on the right contains a "WEBINAR" banner and a "Save the date" graphic.

2.2.4. on EMODnet Physics web portal

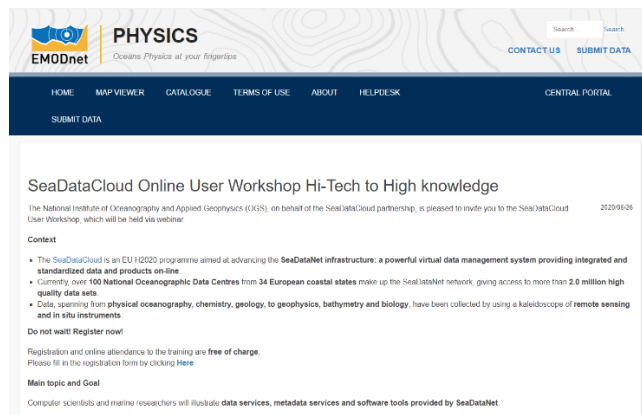
(<https://www.emodnet-physics.eu/portal/single-element-view?return=news&moduleid=1483&tabid=96&id=120>)



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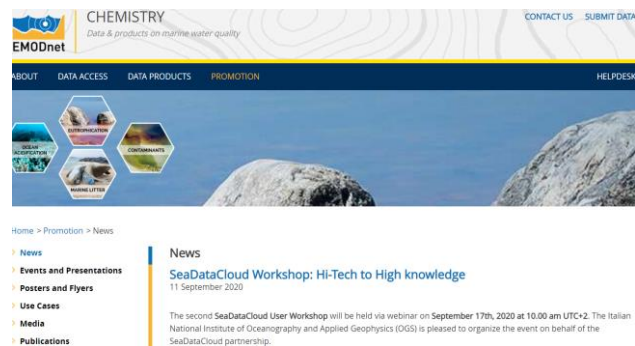
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2.2.5. on EMODnet Chemistry websites

(https://www.emodnet-chemistry.eu/promotion/news/SeaDataCloud_Workshop_Hi-Tech_to_High_knowledge).



2.3. Promotion of the event on social media

2.3.1. on Facebook (OGS profile)

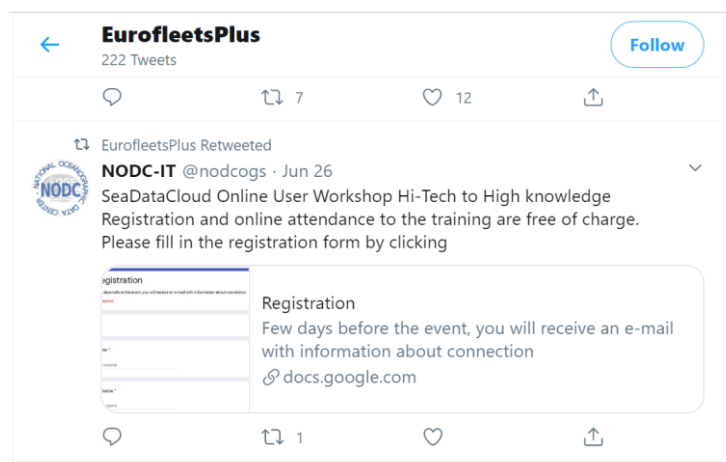
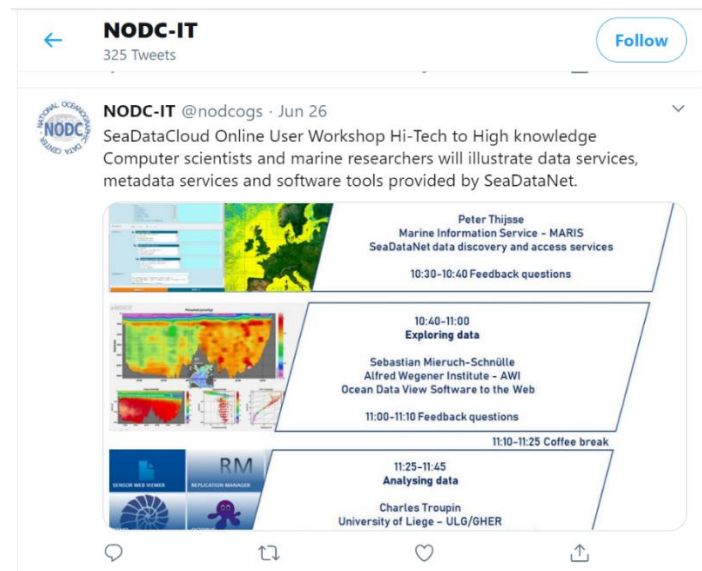


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2.3.2. on Twitter (SeaDataNet, OGS/NODC and Eurofleets+)



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3. Annex 1

ICES Network session proposal

Select ASC session type:	Network session
Short Title:	Search, download and handle a wide range of oceanographic data with Cloud services capacity. A focused workshop provided by SeaDataCloud to present to the oceanographic community a set of user-oriented services, from Data Discovery to Virtual Research Environment tools for data analysis.
Contact person's name *	Elena Partescano
Contact person's institute (and contact details) *	Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS Borgo Grotta Gigante 42/C - 34010 - Sgonico (TS) Italy
Contact person's email *	epartescano@inogs.it
Contact person's telephone *	+39 040 21401
Contact person's name *	Matteo Vinci
Contact person's institute (and contact details) *	Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS Borgo Grotta Gigante 42/C - 34010 - Sgonico (TS) Italy
Contact person's email *	mvinci@inogs.it
Contact person's telephone *	+39 040 2140281
Session convener 1 (required) - Name *	MARIS showing CDI user interface, with connection to VRE access and basic functions, Dick Schaap/Peter Thijsse
Session convener 1 - Email *	peter@maris.nl



Session convener 2 (required) - Name *	AWI showing online ODV, Reiner Schitzler / Sebastian Mieruch
Session convener 2 - Email *	Reiner.Schlitzer@awi.de
Session convener 3 (optional) - Name	ULiège showing online DIVA, Charles Troupin or Alexander Barth
Session convener 3 - Email	ctroupin@ulg.ac.be ; a.barth@ulg.ac.be
Session convener 4 (ONLY for co-sponsored sessions) - Name	First name Last name
Session convener 4 - Email	xx@xx.xx
Description:	<p>The ICES scientific priorities, described in "Marine ecosystem and sustainability science for the 2020s and beyond", includes a focus on new techniques and technologies to advance knowledge of marine systems to improve the capacities to generate data, science, and advice.</p> <p>In this context, the ICES conference would be a good chance to show and test the services developed in SeaDataCloud. These services, developed and refined over a decade, have been finalized to improve the users capacity to work with available data resources and enhance data processing within the cloud environment.</p> <p>SeaDataCloud represents the current phase of development of the SeaDataNet infrastructure. For a long time the challenge of SeaDataNet infrastructure has been to provide access to standard, validated oceanographic datasets. It connects together more than 100 marine data centers aiming at preserving and making reusable marine observations ranging from ocean physics to chemistry and biology.</p> <p>SeaDataCloud takes this partnership into the provision of cloud dedicated services for data users. One of the main objectives of the SeaDataCloud project is to make a big step towards the (scientific) user of the data and create a more user-oriented approach implementing recommendations highlighted by OpenData and FAIR principles.</p> <p>"MySeaDataCloud" is the label under which several user-oriented services are undertaken.</p> <p>MySeaDataCloud provides users personalized services such as:</p>



	<ul style="list-style-type: none"> •Creation of search profiles •Subscriber service for data alerts •Managing your own data sets: upload and download data and do common data management tasks, such as browsing data, adding data, removing data, etc. The users can also share interesting datasets with colleagues •Creation of own data pools via the CDI (Common Data Index used to index datasets) service to be used in the VRE (Virtual Research Environment) •Processing and visualisation of own data products as results of VRE activities, and other functions. <p>The services indicated as MySeaDataCloud have been developed in two areas: within the newly developed interface and system of the Data Discovery and Access service, and within the Virtual Research Environment .</p> <p>The Data Discovery and Access service aims to provide more user-oriented services when logged in and a smoother experience. For example, it is possible to save personal search queries and they can be executed again later, or shared with other users. An additional option is the possibility to receive an alert from the system when a new version of an ordered and downloaded data collection is available or when new datasets are available for the same query.</p> <p>By using the discovery and order interface the user can submit data requests. These will be processed and zipped before downloading directly from the cloud (unrestricted data) or collected from the data centers (restricted data) upon request.</p> <p>The users will be able to decide to download the files and continue working with them locally or to move them into their VRE workspace via a simple click. The data will then be made accessible in their VRE where the user can start processing, extracting parameters, visualizing etc.</p> <p>The VRE service is part of MySeaDataCloud. It is an online workspace system for the users to browse and manage their resources.</p> <p>When logged in the VRE, the user will see a dashboard, which displays the virtual labs the user is associated with, groups the user belongs to and resources used or available for the user, etc. With the VRE environment, users will be able to transform, process and visualize ocean and marine data.</p> <p>During this Network session, the data flow from data extraction (using SeaDataNet Data Discovery and Access service) to data elaboration (through the Virtual Research Environment) will be illustrated in practice.</p>
<p>Session teaser:</p>	<p>For a long time the challenge of SeaDataNet infrastructure has been to provide access to standard, validated oceanographic datasets. SeaDataCloud is a further effort to provide dedicated services to enable users to work with available data resources and improve data processing in a cloud environment. Join this session to discover the potential of the SeaDataCloud services. Moreover, it could be an occasion to discover an efficient working environment where scientists can increase training and networking</p>



	opportunities and strengthen collaboration with regional and global partners. All the available features and services will be presented in practice, from data extraction to data elaboration through the Virtual Research Environment.
Tweet text:	SeaDataCloud, discover the latest user-oriented services for the oceanographic community #ICESASC20
Suggested session format:	Short opening presentations and then practical session to illustrate the functionalities to extract data using SeaDataNet Data Discovery and Access service and work with them in the VRE (Virtual Research Environment).
Expected participation:	Marine scientists and practitioners that need access to oceanographic data of a known quality for ecosystem modelling, marine management and assessment, ecosystem prediction, climate change impacts and with the implementation of EU and international directives, such as directives for water (WFD), marine strategy (MSFD) and integrated coastal zone management (ICZM).
Primary link to ICES priorities (select ONE only):	Emerging Techniques and Technologies
Other links to ICES priorities (select any of relevance):	Sea and Society
Links to ICES groups (if relevant):	Data and Information Group