



EMODnet



European Marine
Observation and
Data Network

EMODnet Physics

18th EMODnet Steering Committee

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EMODnet Physics
www.emodnet-physics.eu

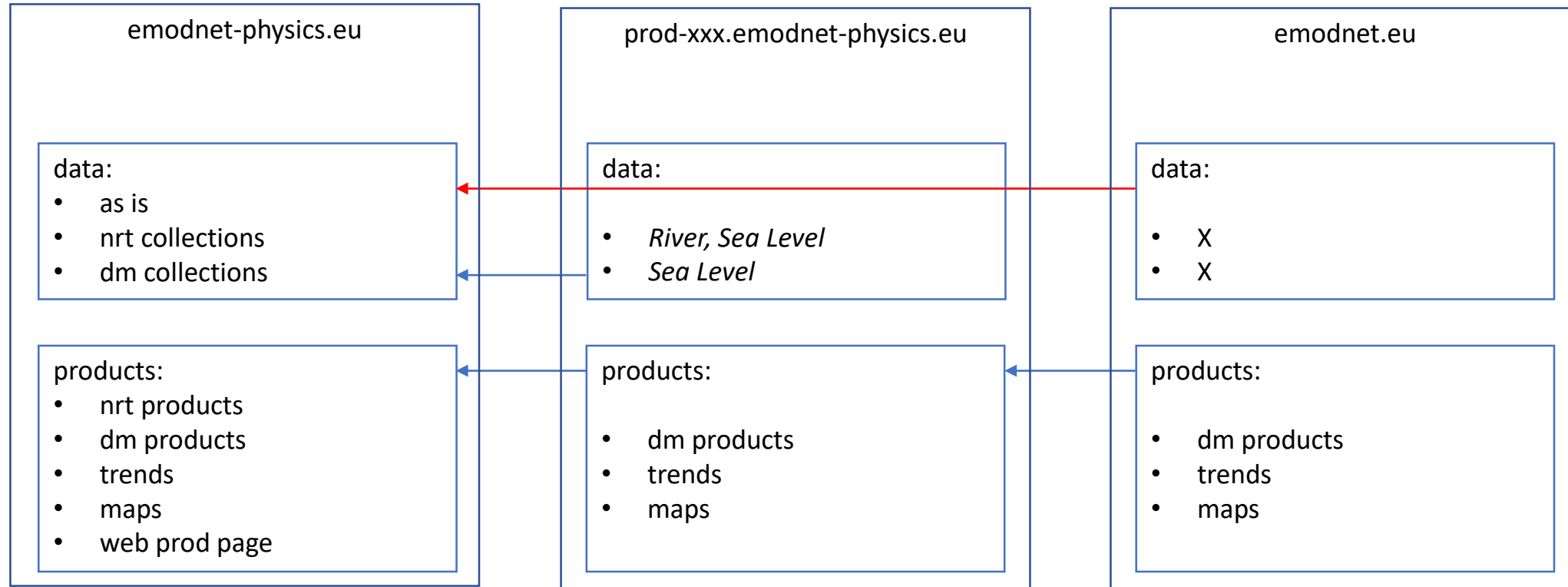
Status update (EMODnet Physics)

- **Deliverables (status quo)**

- WP1 – Delivered 32/33 of planned, overall 39
 - annual assembly postponed to next quarter
- WP2 - Delivered 30/32 of planned, overall 38
 - TSM (v.2 integrated high resolution in major rivers mouth, CNR ISMAR has yet to complete the processing)
 - Wave regional sort term forecasts - suspended to avoid misunderstanding on the EMODnet Physics scope (i.e. on data not on forecasts) – we will work on different in situ short term prediction (after summer)
- WP3 – Delivered 11/11 of planned, overall 16

Status update (EMODnet Physics)

- **Centralization:**



- update the "temporary" workflow
- link (from static) the web prod pages
- data "as is" → `realtime.emodnet-ingestion.eu` → CP

Status update (user feedback)

- positive to have all the themes together (very welcomed)
- need improvements (missing of some features)
- problems CP UX → (how to... manual/video...)
- not easy to give feedback
- need to improve the portal features and get close to «old» standard
- users get lost in “Layers” and “Catalogue”
- filters/legend a bit hidden
(and users do not get they need to activate it)
- in situ plots/data popup on top of the filters
(and not optimal sizing)

The screenshot displays the EMODnet Map Viewer interface. At the top, the European Commission logo and the text 'EMODnet Map Viewer' are visible. Below the header, there are two tabs: 'Layers' and 'Catalogue'. The main area shows a map with various colored data points (red, green, blue). A 'Platforms' filter panel is open, displaying a table of data and several filter sections.

Platforms

HirtshalsTG

Data assembled by BSH made available by EMODnet Physics

Platform ID	Platform Name	Center/...	Da...
62c1014cad2d1e001dc3395b	HirtshalsTG	Dan	

platform type
Search by typing...

sea basin
Search by typing...

time
7 Days

integrators
Search by typing...

Clear Apply

Status update (EMODnet Physics → CP) JIRA on Physics

project = EM AND assignee = "helpdesk@emodnet-physics.eu" AND status != Done ORDER BY description ASC

Order by Description	
EM-538	Layer EP_HFR_CFM_EUROPE not working in Physics WMS
EM-596	EMODnet Physics Catalogue Service to Harvest
EM-210	GetLegendGraphic not supported for High Frequency Radar WMS
EM-530	Physics - EMODnet Catalogue Tags
EM-87	Physics - Web Services MetadataUrl and DataUrl fields
EM-786	Downloads via layer description button dumps raw data in browse

6 open tickets (4 almost obsolete)

a "title convention" would help:

Prj – what - service – problem – descr

Physics – RfF - Geoserver WMS – EP_HFR_CFM_EUROPE – not working

need to expand the JIRA terms: RfF, RfC, RfE ...

RE: Geoserver Remote Code Execution - CVE-2022-24816 [EM-773]

BV Bart Vanhoorne <bart.vanhoorne@vliz.be>
A: technical-WG

Dear technical coordinators,

All Geoservers have been updated, amazing!
I want to thank everyone for the speedy action on this.



lot	URL	version	updated	fix
Central Portal	https://ows.emodnet.eu/geoserver/	2.23.0	🟢	2023-04-18
Bathymetry	https://ows.emodnet-bathymetry.eu	2.22.2	🟢	2023-04-28
Biology	https://geo.vliz.be/geoserver	2.23.0	🟢	2023-04-18
Chemistry	https://geo-service.maris.nl/emodnet_chemistry	2.22.2	🟢	2023-04-28
Geology	https://drive.emodnet-geology.eu/geoserver	2.22.2	🟢	2023-05-01
Human Activities	https://ows.emodnet-humanactivities.eu/geoserver	2.22.2	🟢	2023-05-05
Physics	https://prod-geoserver.emodnet-physics.eu/geoserver/web/	2.22.2	🟢	2023-05-04
Seabed Habitats	https://ows.emodnet-seabedhabitats.eu/geoserver/	2.23.0	🟢	2023-05-16

- issue identified
- jira to notify
- (mail to check that ticket was received)
- team fixed
- jira closed

worked well because clear fix with clear procedure,

RfF – All – Geoserver – Remote code [...]

Status update (EMODnet Physics → CP) JIRA on CP

project = EM AND assignee = frederic.leclercq OR assignee = joana.beja OR assignee = bartv or assignee = "conor.delaney@emodnet.eu" AND status != Done ORDER BY description ASC

A screenshot of a JIRA search interface. The search bar contains the query: "project = EM AND assignee = frederic.leclercq OR assignee = joana.beja OR assignee = bartv or assignee = \"conor.delaney@emodnet.eu\" AND status != Done ORDER BY description ASC". Below the search bar, there is a dropdown menu set to "Order by Description" and a "Search" button. The results show a single item, "EM-447", which is checked. To the right of the item, there is a circular badge indicating "1 of 203" items.

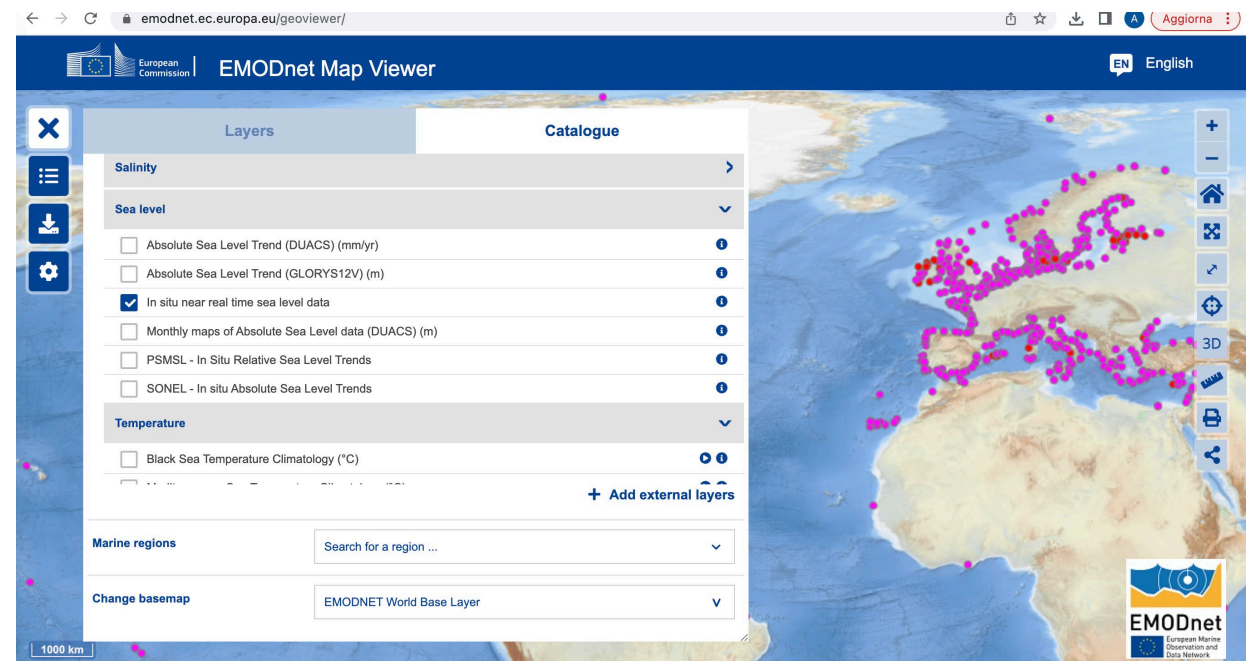
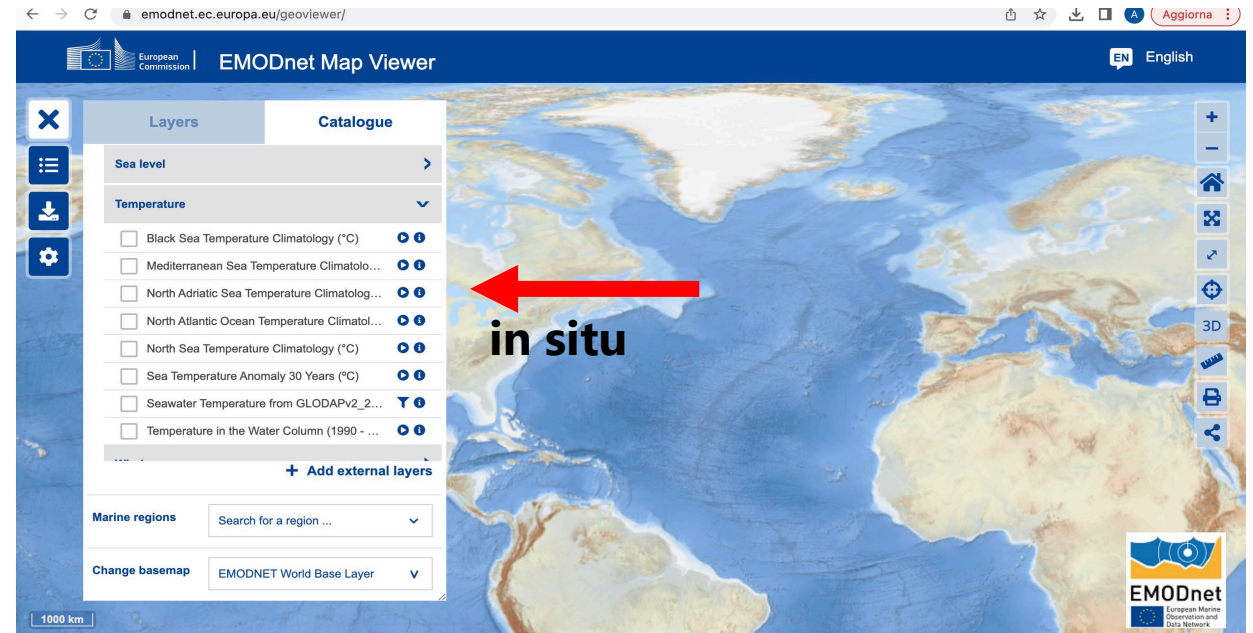
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- not "personal" assignee would be appreciated e.g. hd or one per service type
- difficult to find requests from thematic lots

Status update (Products)

- Products update planning
 - Update:
 - T/S (CORA) → up to 2022
 - Impulsive Noise Event Register
 - TSM
 - low res for pre-view
 - metadata → full res download
 - Dismiss (from CP-geoviewer):
 - Regional T/S products



-
- new approach to show and update products



Status update (Monitoring indicators)

- 1A Volume and coverage of available data
 - We report on number of platforms per theme
 - Volume (in GB of data) difficult to catch (the more the sources adopt recommendations (e.g. ERDDAP) the less the volume we buffer/cache)
 - Useful to have the Sea Basin Shape from the CP
 - Useful to have a platform counter on the Central Portal
 - → move to data-days per platform-theme (*)

(*) discontinuity with current system

- 1B Usage of data
 - before Centralization we were collecting the usage in terms of views (platform pages)
 - now we can only track the number requests (transferred volume) when mediated by our back-end services
 - difficult to comment on the scope of the use
- 2A Volume and coverage of available data products
 - would make more sense a Y/N tick on Global/Regional Sea – gridded prods are likely to be 100% of their scope
- 2B Usage
 - same as 1B

Cross-Thematic Interactions (since last SC+TWG)

- Chemistry – Ingestion
 - River Products
 - Citizen Science oriented actions (EMD2022, METROSEA2022, ...)
- PACE – in situ Sea Level prods update (WP5)

External interactions

New networks:

- EMANEDS/TRANSEurope MARINAS, AIVP international association of ports and cities, ONTM (NGO) Marine Protection Observatory,

EU level:

- TG NOISE (+ ICES member, and CTN permanent attendee),
- CMEMS INS TAC: set up of TWG on common workflows and prods
- EuroGOOS: TWG, DATAMEQ WG, Task Teams (ferrybox, HFR, gliders, tide gauge), ROOSs
- H2020 Projects: ARICE, EuroSEA, JERICO S3 and DS, SO-CHIC, NAUTILOS, BlueCloud, ENVRI.FAIR, ...

Global level:

- SOOS, SAON, NOAA (ERDDAP), WMO WGs (WIS, WISC), IOC (Ocean Decade, GOOS, OceanOPS, IODE), AniBOS, OceanGliders, Educational Passages, ICES

Future Outlook

- Follow up on:
 - Voluntary Opportunity Sailing Ship
 - Fishing Vessels Observatory Network
 - Low Cost Tech
 - H2020/HE/MISSION projects
 - (ARICE, SOCHIC, NAUTILOS, OCEANICE, BlueCloud2026, OLAMUR ...)
 - SOOS, CoastPredict, AtlantOS, GOOS OCG, and many others



THE GLOBAL COMMUNITY

Making FVON community official
Expand to more EOVs
Community White Paper
UN Decade of Ocean Science Endorsed Action
Elevate FV obs to become a GOOS network
<https://fvon.org/> for more information

11 established projects in 9 countries
10 pilot projects in 8 countries

PARTNERS:

February 2023 © 2023 OCEAN DATA NETWORK



MINI - SOLO

Events Outlook

- **Meetings/Events (since September 2022)**

- Participated to 39 events

- up coming (co-organizer):

- Ocean data hours, the Ocean Race Village, Genova Pavilion, Aarhus (5/6/2023)
- Ocean data hours, the Ocean Race Village, Genova Pavilion, The Hague (12/6/2023)
- Ocean data week, the Ocean Race Village, Genova (27-30/6/2023)
- SOOS Symposium, Hobart (14-18/08/2023),
- Summer schools (Gliders, AUV, CS ...)
- ...
- Low cost Tech Side event at EuroGOOS conf. (Oct 2023)
- Low cost Tech Side Event Oceanology London (Mar 2024)
- Ocean Sciences Meeting New Orleans (Feb 2024)
- ...

web room: meet.google.com/tbs-oizd-iwk

Speakers:

- Ann-Christine Zinkann**
NOAA
- Bill Staby**
WOC SMART Ocean-SMART Industries
- Jim Manning**
Environmental Monitors on Lobster Traps
- Cooper Van Vranken**
Ocean Data Network
- Cassie Stymiest**
Educational Passages
- Neil Van Niekerk**
2DegreesC
- Kristin Burkholder**
Student Drifter Program, Stonehill College
- Andrew Thaler**
Oceanography for Everyone - OpenCTD
- Martin Hassellöv**
Sailing4Science

ETT
GENOVA SUPPORTER

THE OCEAN RACE
GENOVA THE GRAND FINALE 2022-23

ETT & OCEAN RACE
Live from NEWPORT
(Rhode Island)
18.05.2023
time: 14.00 EDT / 18.00 UTC
GENOVA PAVILLION
moderated by
Antonio Novellino (ETT)
Patrick Gorringer (SMHI)

Enabling tools for citizen science in ocean data collection

ETT
GENOVA SUPPORTER

THE OCEAN RACE
GENOVA THE GRAND FINALE 2022-23

The Ocean Race Grand Finale - Ocean Data Week
27 - 30 June 2023, Genova

Tuesday, 27 June 2023
10.30 - 13.00
NAUTILOS Policy Round Table - Supporting Ocean Observations

14.30 - 17.00
Marine Data, Information and Knowledge for EU Green Deal and Climate Change


Wednesday, 28 June 2023
10.30 - 13.00 / 14.30 - 17.00
Towards a user-focused, interdisciplinary, and responsive European ocean observing and forecasting system - EuroSea

Thursday, 29 June 2023
10.30 - 13.00
Smart Blue Sustainable Cities

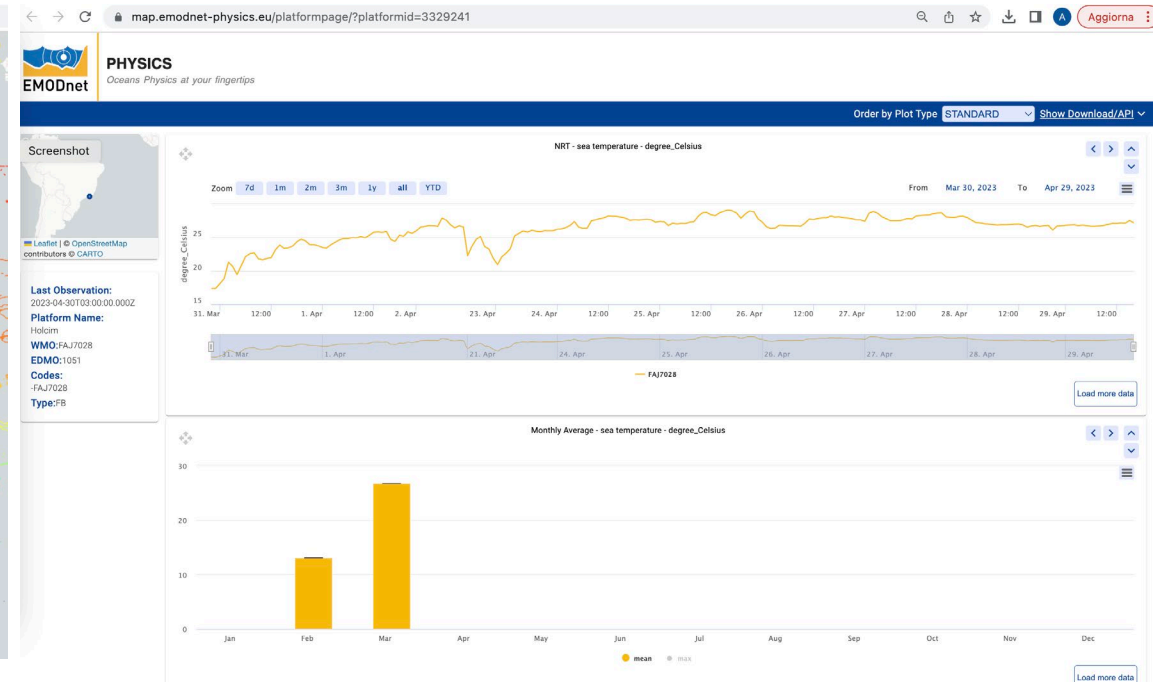
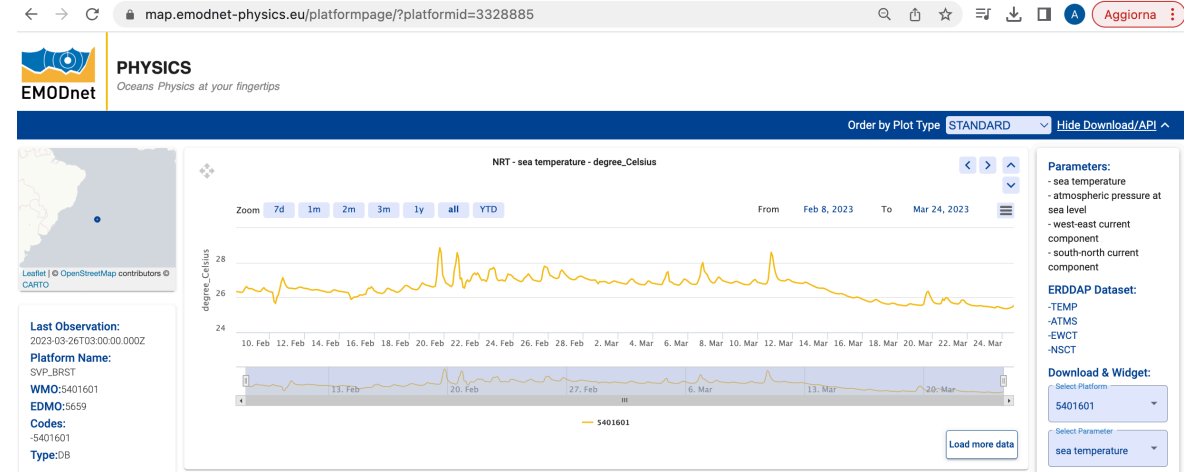
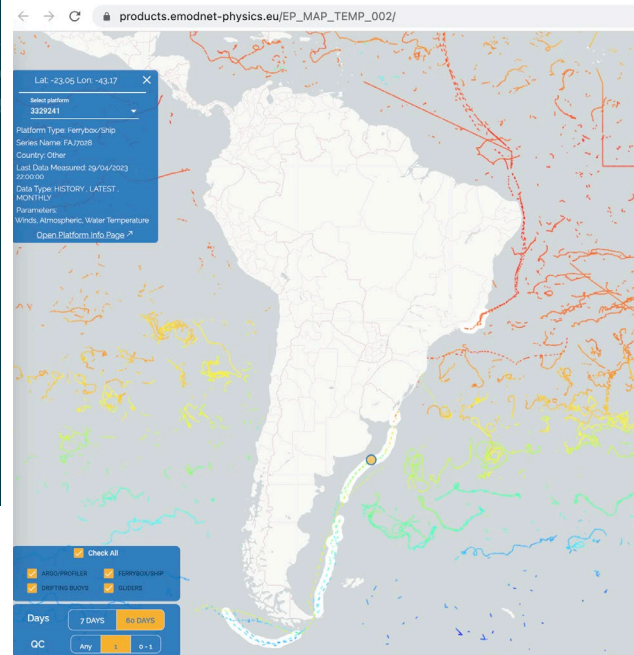
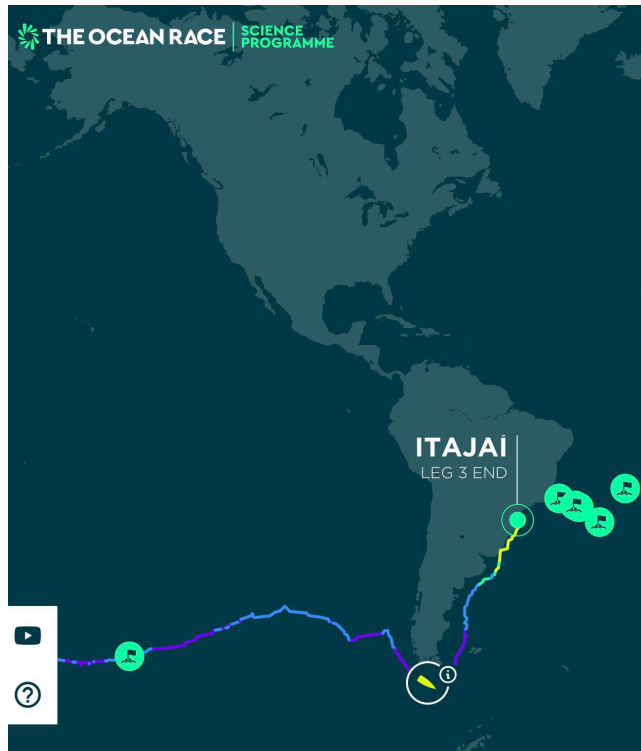
14.30 - 17.00
Between biodiversity and sustainability: science to raise awareness, awareness to guide behaviour

Friday, 30 June 2023
10.30 - 13.00 / 14.30 - 17.00
Low cost technologies for ocean data monitoring and participatory actions

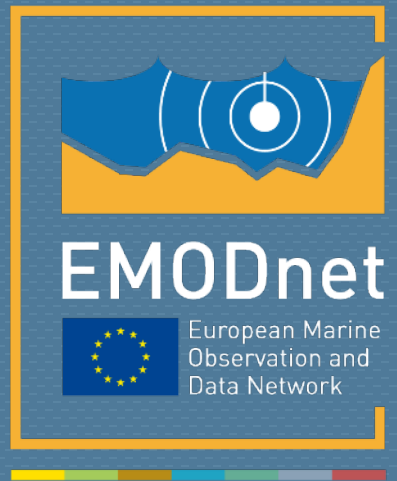
do not miss your place! pre-registration @ <https://forms.gle/UJe51RjC4A1uutfz8>

Alliant@S | 

class	boat	Registration		Leg 3 device 1			
		IMO	MMSI	Type	WMO NUMBER	IMEI NUMBER	Position
IMOCA 1	11HRT	368 215 690		NOAA	1601751	300534062585140	135E (5.)
IMOCA 2	Biotherm	228 135 810		NOAA	1701680	300534062582110	110E (4.)
IMOCA 3	GUYOT	228 101 590		Trusted 6	5401600	300534063310650	85E (3.)
IMOCA 4	Holcim	228 125 560		NOAA	1701677	300534062581120	60E (2.)
IMOCA 5	Malizia	228 131 430		Trusted 4	1401603	300534063314630	35E (1.)



working on a OR-EMODnet use case



emodnet.ec.europa.eu

Your gateway to marine data in Europe

