



EMODnet



European Marine
Observation and
Data Network

EMODnet Seabed Habitats update

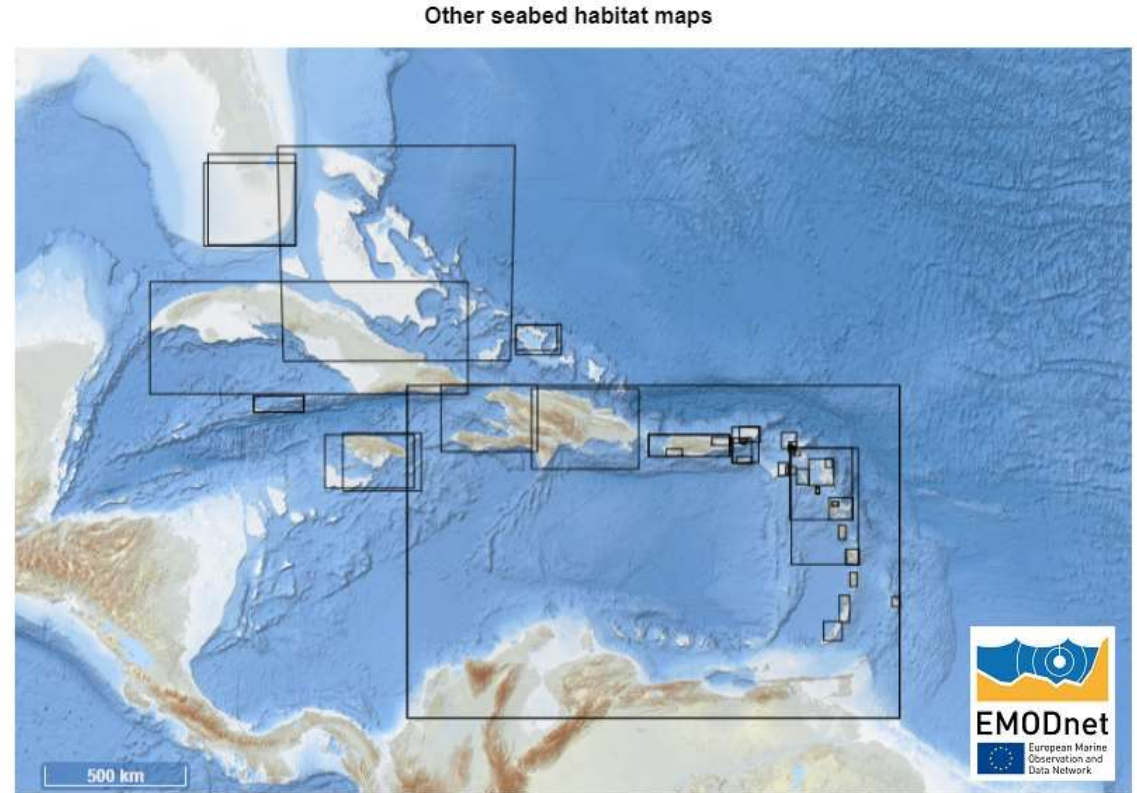
14th EMODnet Technical Working Group
18 October 2023

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Seabed Habitats
<https://emodnet.ec.europa.eu/en/seabed-habitats>

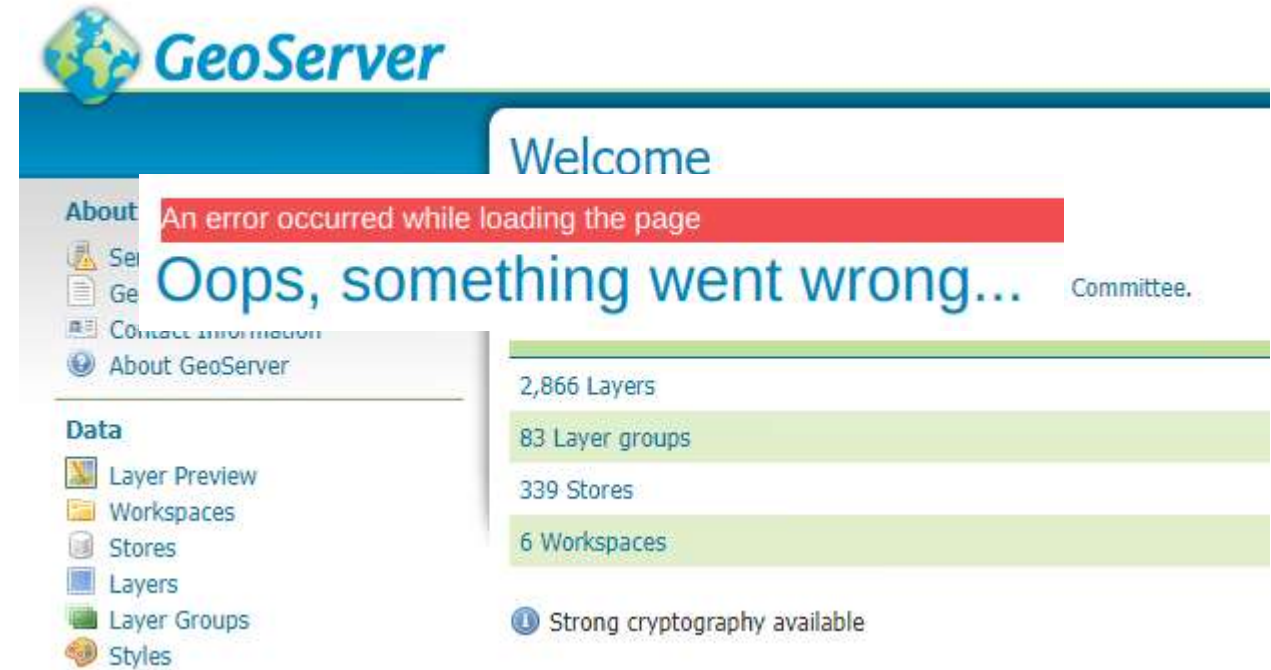
New datasets

- 88 new individual habitat maps from survey
- 8 new essential fish habitat models
- 14 modelled maps of specific habitats
- 27 new and updated composite products
- ~30000 point observations
- EUSeaMap 2023
 - Including Caspian and Caribbean products



Geoserver updates

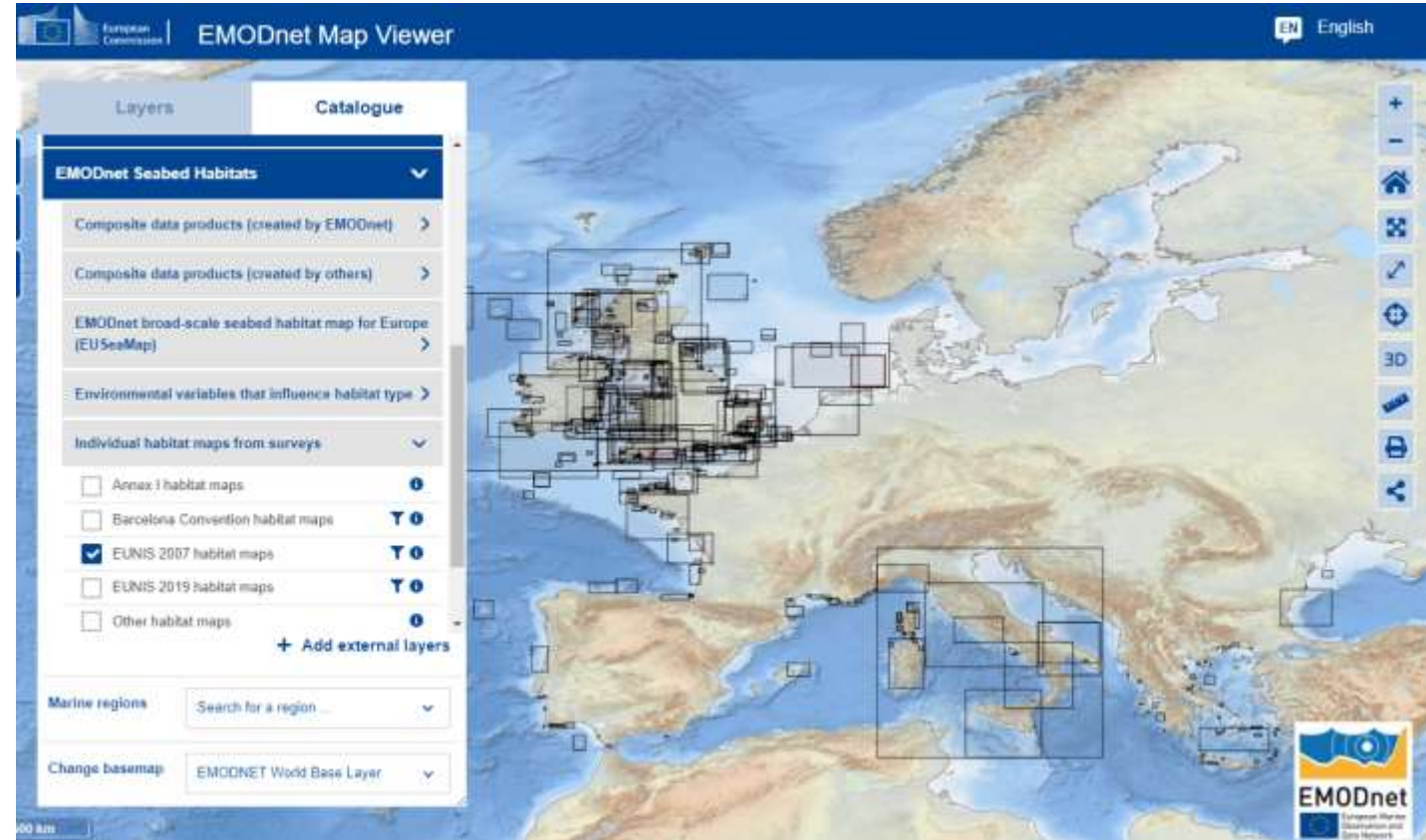
- Upgraded to GeoServer version 2.23
- Caused a major issue for all of our CQL/SQL layers
 - ~900 layers impacted
- Scripted a solution to recreate the layers
- Useful lessons learned



The screenshot shows the GeoServer web interface. At the top left is the GeoServer logo. Below it is a navigation menu with items: About, Search, Geoserver, Contact information, and About GeoServer. The main content area displays a red error banner that reads "An error occurred while loading the page". Below the banner, the text "Oops, something went wrong..." is shown in large blue font, followed by "Committee." in smaller text. To the right of the error message, there is a summary of system statistics: 2,866 Layers, 83 Layer groups, 339 Stores, and 6 Workspaces. At the bottom right, there is a notification icon and the text "Strong cryptography available".

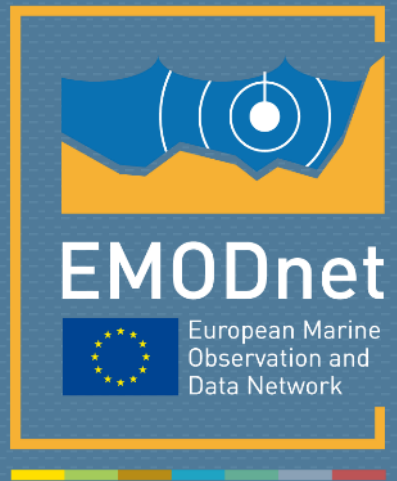
Ongoing work

- Focussing our data cleansing
- Streamlining Geoserver to reduce the number of layers and workspaces
- New layers to capture all the environmental variable data and modelled maps:
 - Bounding box layers



Other

- Working with EMODnet Biology on methods to submit habitat point observation data
 - Partner guidance produced and trialled.
 - Some data submitted
 - Final step is extracting data via webservices but this requires technical updates.
 - Discussions planned for the jamboree.
- Report additions to the central portal are in progress
 - Updates to tools and guidance – what is the process for this?
 - Final report and quarterly – who is responsible for these?
- Updates to our data products summary page



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