



**EMODnet**



European Marine  
Observation and  
Data Network

# EMODnet Biology Update

16<sup>th</sup> EMODnet Steering Committee  
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[www.emodnet-biology.eu](http://www.emodnet-biology.eu)



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## Status update (on thematic)

- Phase IV: first year complete, annual meeting in early May (hybrid format)
- 1213 datasets with online data, 29.7 M occurrence records available online, ~ 50 M extended measurements or facts, 85% records are QC-ed
- 34 data products available from the catalogue (3 external)
  - New data products under development
- Continuous technical updates:
  - Tools (e.g. <https://github.com/EMODnet/EMODnetWFS> and <https://rshiny.lifewatch.be/BioCheck/>)
  - Data publication procedures
  - Data management procedures

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# Status update (on thematic)

- New use cases
  - [Distribution of reef-building benthos in the North Sea](#)
  - [Holistic, standards-based access and interoperability for marine biodiversity data](#)
- COVID impacts:
  - Delays in data submission (from partners and data grant holders)
  - Some partners non-responsive or taking much longer to respond to emails
- Conflict in Ukraine currently prevents our partners from fulfilling all of their contractual obligations
  - Team lead is in active military deployment

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# Cross-Thematic Interactions

- Joint use case with Seabed Habitats: [Holistic, standards-based access and interoperability for marine biodiversity data](#)
- Joint Biology and Seabed Habitats approach and engagement with Regional Sea Commissions

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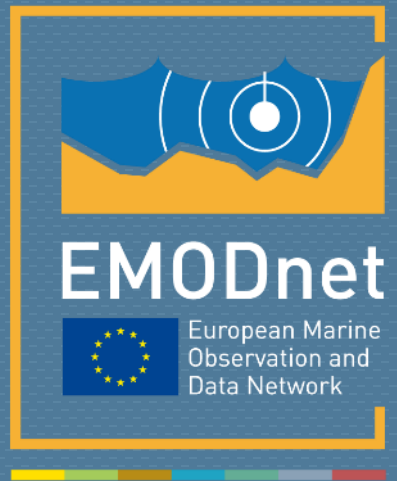
## External interactions

- Continuous collaboration with OBIS (Ocean Biodiversity Information System)
- Publication of six Invasive species datasets originating from OSPAR/HELCOM joint exemption programme (more info on these data in [http://jointbwmexemptions.org/ballast\\_water\\_RA/apex/f?p=104:12](http://jointbwmexemptions.org/ballast_water_RA/apex/f?p=104:12))
- Collaboration with [DoeDat](#), an online platform that will support our citizen science data digitisation efforts
- Meeting with Intro TransEurope Marinas for possible collaboration (initial contact via EMODnet Secretariat)
- Presence/participation in various events:
  - EuroSea Macroalgae workshop
  - IODE conference in Poland
  - Ocean Best Practices for Aquaculture workshop
  - NCK data day
  - Digital Ocean Forum

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# Future Outlook

- Centralisation work ongoing
  - Biology products have a complex structure that is not easily supported by ERDDAP
  - Static content migration and updates at good pace
- Undergoing a review of products available from the CP viewer
- Data related challenges:
  - Changes to database and data publication procedures needed to allow users to download habitat, image and genetics data
  - Looking at how we can support specific communities outside the European seas regarding their data publication needs



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