



EMODnet



European Marine
Observation and
Data Network

OGC Service Monitoring & INSPIRE compliance (meta)data URL's & Quality of Service

13th EMODnet Technical Working Group
04-05 April 2023

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emodnet.ec.europa.eu

INSPIRE Metadata & data URL's in Service GetCapabilities

- Followed up in JIRA: <https://jira.emodnet.eu/browse/EM-14>
- Service metadata URL's. **Please host them in your Portal's CSW (GeoNetwork)!**

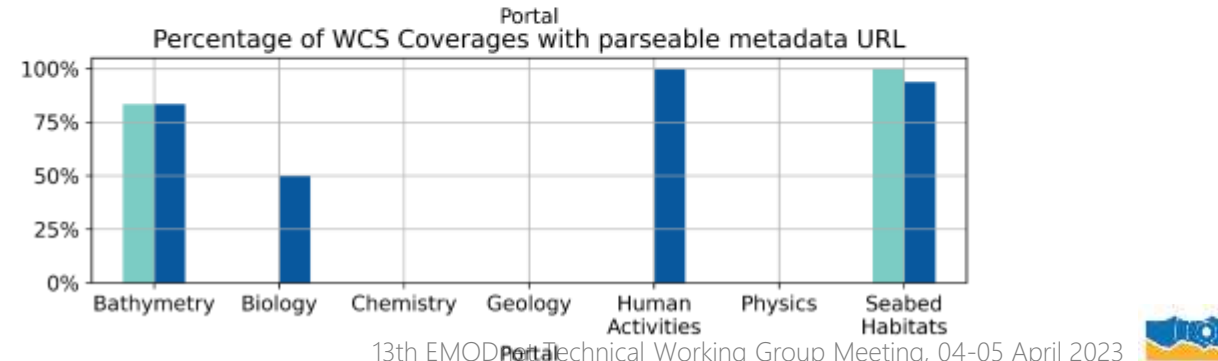
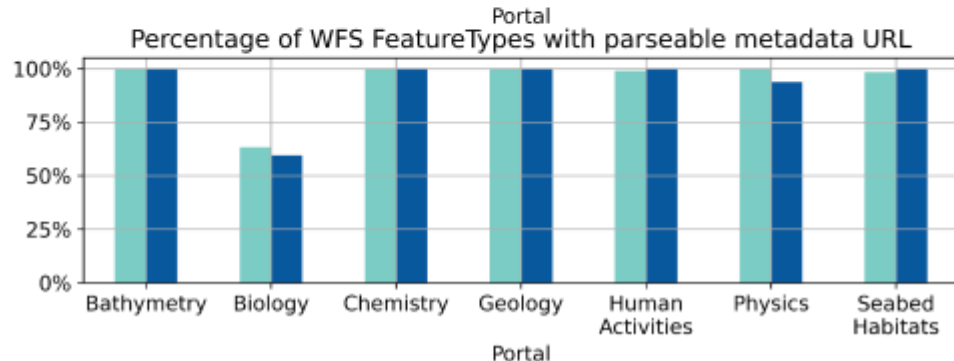
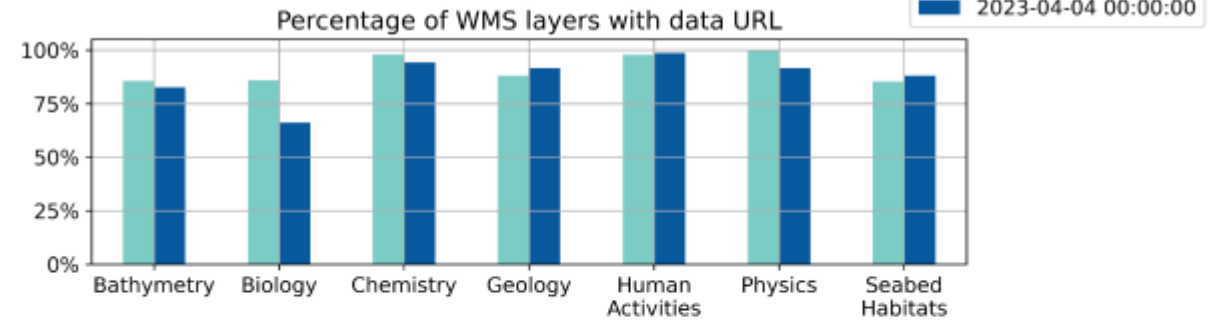
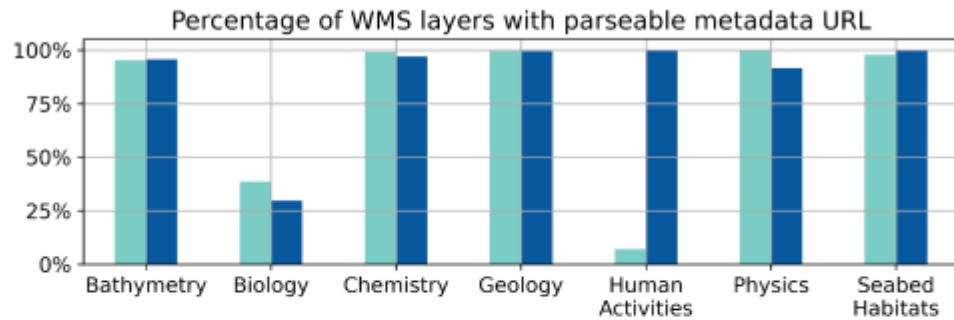
Date	Bathymetry	Biology	Chemistry	Geology	Human Activities	Physics	Seabed Habitats
TWG12	5/5	5/5	9/9	14/14	3/3	2/2	0/6
TWG13	5/5	0/7	9/9	14/14	3/3	2/2	6/6

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- Dataset metadata and data URL's

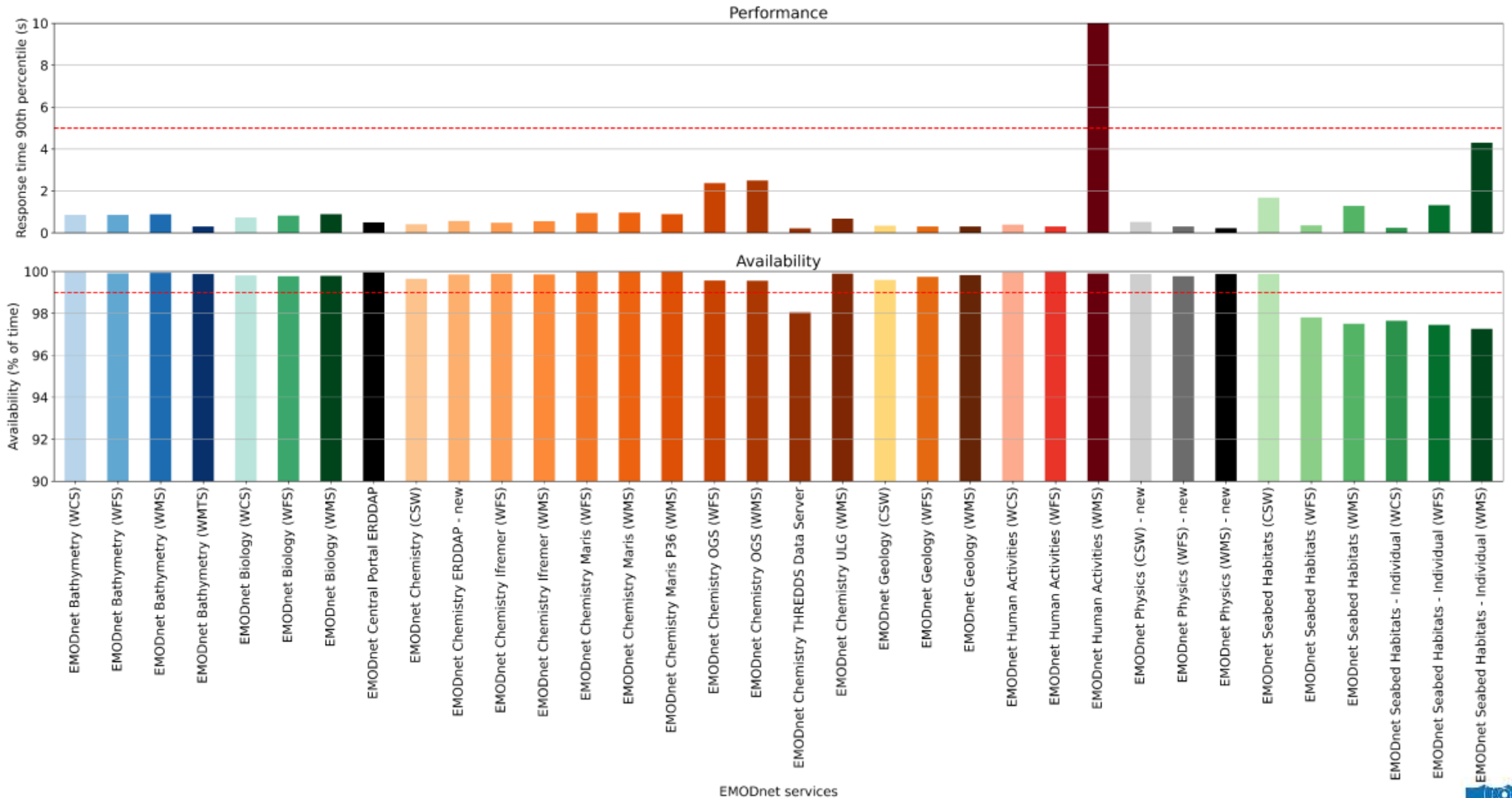


INSPIRE Quality of Service Monitoring

- INSPIRE sets a number of Quality of Service requirements for web services. This includes requirement for:
 - Performance: Response time during normal operation (90th percentile)
 - Capacity: Number of simultaneous service requests
 - Availability: The percentage of time the service is available
- Monitoring web services with GeoHealthCheck (monitor.emodnet.eu)
 - Currently:
 - Monitor performance and availability for GetCapabilities operations & compare with INSPIRE requirements
 - Now also ERDDAP/THREDDS instances included
 - Followed up in JIRA: <https://jira.emodnet.eu/browse/EM-140>

INSPIRE Quality of Service Monitoring

QoS stats since TWG12

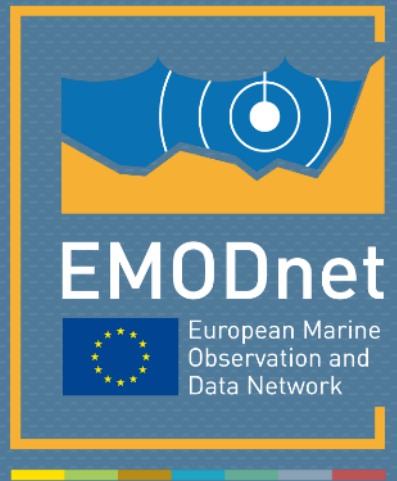


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 - Now also ERDDAP/THREDDS instances included
 - Followed up in JIRA: <https://jira.emodnet.eu/browse/EM-140>
 - Planned
 - Implement INSPIRE normalized testing procedures as plugins to GeoHealthCheck:
 - Monitor performance, capacity and availability for different operations:
 - GetCapabilities
 - GetMap/GetFeature/GetCoverage
 - DescribeFeatureType/DescribeCoverage
 - More information and progress tracked in JIRA: <https://jira.emodnet.eu/browse/EM-108>

Monitoring of Metadata & Services with the INSPIRE Validator

- Required prioritization of INSPIRE requirements that are fit-for-purpose to EMODnet
- Tool developed as part of EMOD-PACE. See presentation tomorrow (Update on INSPIRE Validator Tool)



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