EMODnet Data Ingestion

Dick Schaap, MARIS
Sissy Iona, HCMR

16th EMODnet Technical Working Group

8 October 2024

Migration to Central Portal – Viewing Service

Successful exchange

- The Viewing Service of EMODnet Ingestion publishes the completed submissions
- The submissions follow the ISO controlled terms from the SeaD CSR
- An XML output was formulated for missing fields as a solution
- An export generator was develc Submission (currently circa 150(
- The generated XML files are ma the WAF protocol
- Tests with CP Catalogue were su fast, while for updating all recor trigger

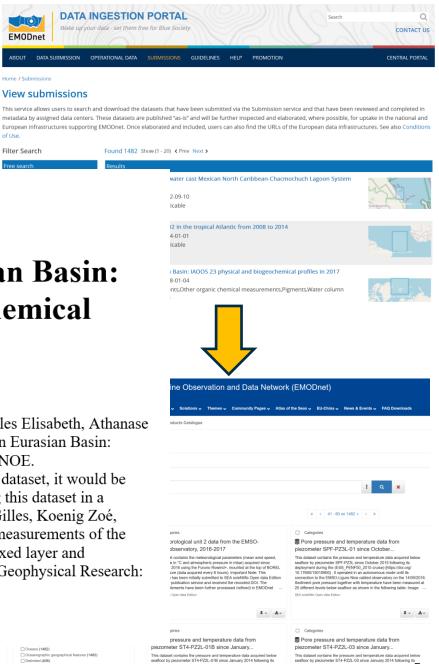- **Remaining issue: 'How to cite' i EMODnet Products Catalogue p**

-

SEANOE EXAMPLE

a53ad03f-3539-5393-3931-000000059183

Details of Arctic Western Eurasian Basin: IAOOS 23 physical and biogeochemical profiles in 2017

How to cite

Provost Christine, Sennéchael Nathalie, Garçon Véronique, Boles Elisabeth, Athanase Marylou, Koenig Zoé, Labaste Matthieu (2017). Arctic Western Eurasian Basin: IAOOS 23 physical and biogeochemical profiles in 2017. SEANOE. https://doi.org/10.17882/59183 In addition to properly cite this dataset, it would be appreciated that the following work(s) be cited too, when using this dataset in a publication : Athanase Marylou, Sennéchael Nathalie, Garric Gilles, Koenig Zoé, Boles Elisabeth, Provost Christine (2019). New hydrographic measurements of the upper Arctic Western Eurasian Basin in 2017 reveal fresher mixed layer and shallower warm layer than 2005-2012 climatology. Journal of Geophysical Research: Oceans, -. https://doi.org/10.1029/2018JC014701

DOI   https://doi.org/10.17882/59183

Migration to Central Portal – Viewing Service

Need for improved User Interface at CP Products Catalogue

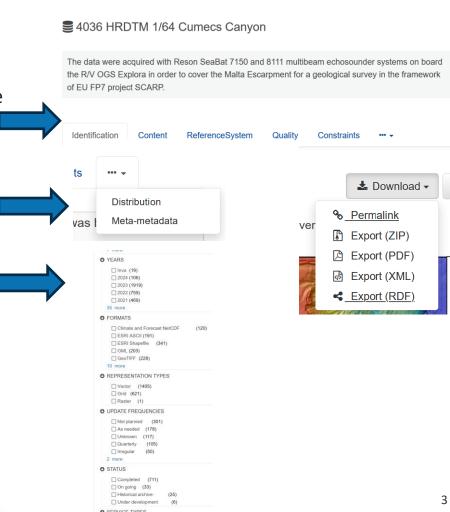- This is not only relevant for Ingestion but for all EMODnet Products

- Issues:
  - Detail pages are divided over multiple sections which makes it cumbersome to oversee a detail page in one glance and leads to necessity to click many times before you see the details that you want
  - In particular, download links are hidden behind ... and require many clicks, which in practice leads to users not finding these, while the available download button gives metadata options
  - Facet searching is configured in particular for geographic mapping products while EMODnet products have more marine content details. The effect is that the facets are not useful for queries and only option is browsing through the listed entries, which is highly inefficient

STRONG NEED FOR CUSTOMISED FACET SEARCH AND FULL PUBLICATION PAGES

Migration to Central Portal – Submission Service

- Front-end developed from scratch to be run on EU Central Portal
- API developed to be run along with backend operations on Ingestion cloud infrastructure

- AAI migration to ECAS => quite a challenge to find a way
- Now waiting for permission of EU for deploying in subdomain

NRT data exchange – map for as-is stations

- Has been moved to operation

Drafting of Narrative for migrated Ingestion site

- Good progress – nearly done

Issues

- News items – Use cases – task of Ingestion is to bring data in, but a use case of Eurofleets was removed because it did not deal with EMODnet data use