

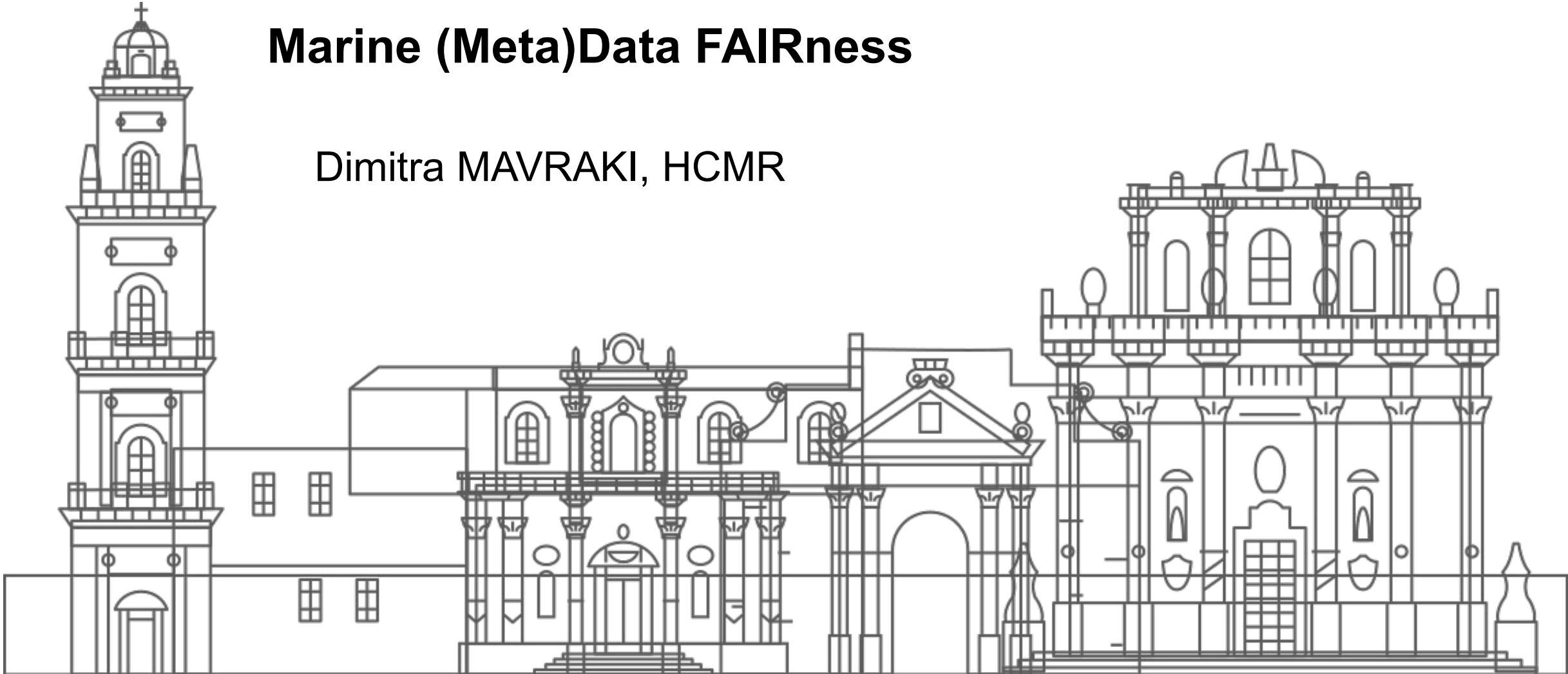
DATA FAIRNESS



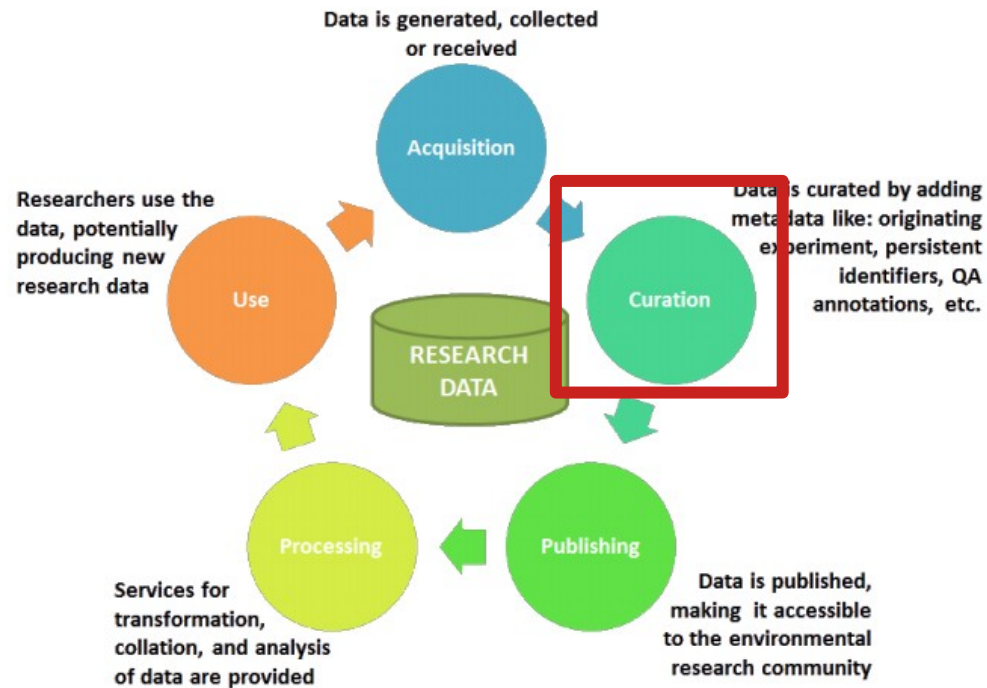
Lecce, 01-05 July 2019 | INTERNATIONAL SUMMER SCHOOL for
Environmental & Earth Science Infrastructures

Marine (Meta)Data FAIRness

Dimitra MAVRAKI, HCMR



DATA FARNES



- LifeWatchGreece gives emphasis to metadata availability
- a metadata document with mandatory and suggested fields is created and distributed to all marine data providers prior to the submission of their data
- Mandatory fields are: dataset title, citation, persons involved, abstract, keywords, related publications, licence, external links

DATA FAIRNESS

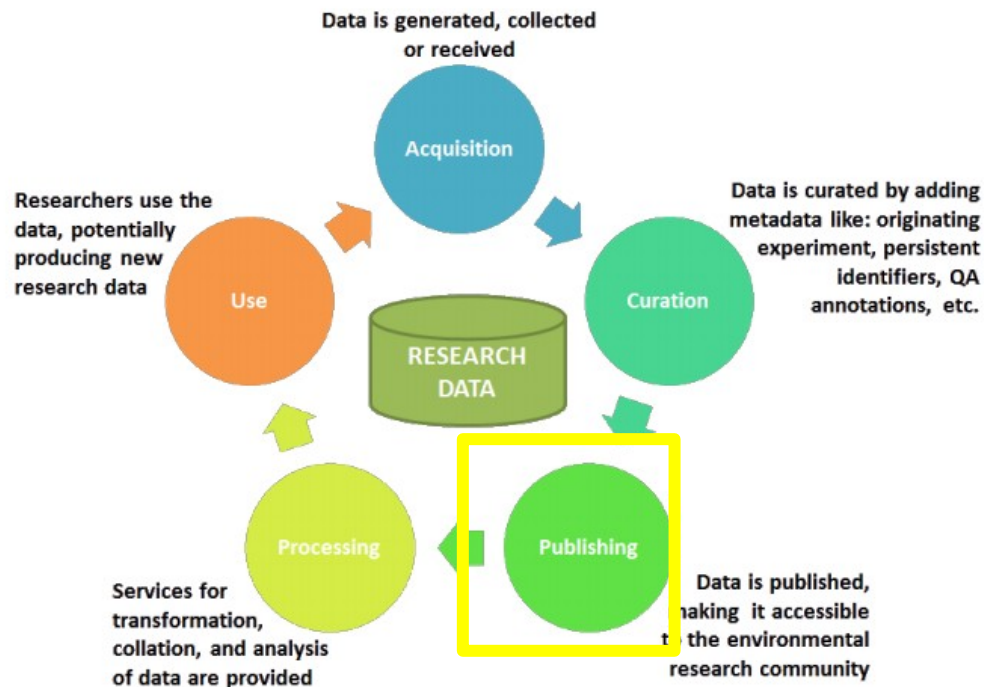
Are my Metadata FAIR? Check at <http://ipt.medobis.eu/resource?r=aegeanpolychaetes>

- F principles are fulfilled (rich metadata, API, registered)
- A principles are fulfilled (retrievable, accessible, open)
- I principles are fulfilled (vocabularies, EML)
- R principles fulfilled (usage license, detailed provenance, standards)



DATA FARNES

- LifeWatchGreece publishes its data through IPT (integrated publishing toolkit)
- IPT is a free open source software tool used to publish and share biodiversity datasets through the GBIF network
- Data model with a core table using DarwinCore (DwC) terms with extension tables in a “star” schema



DATA FAIRNESS

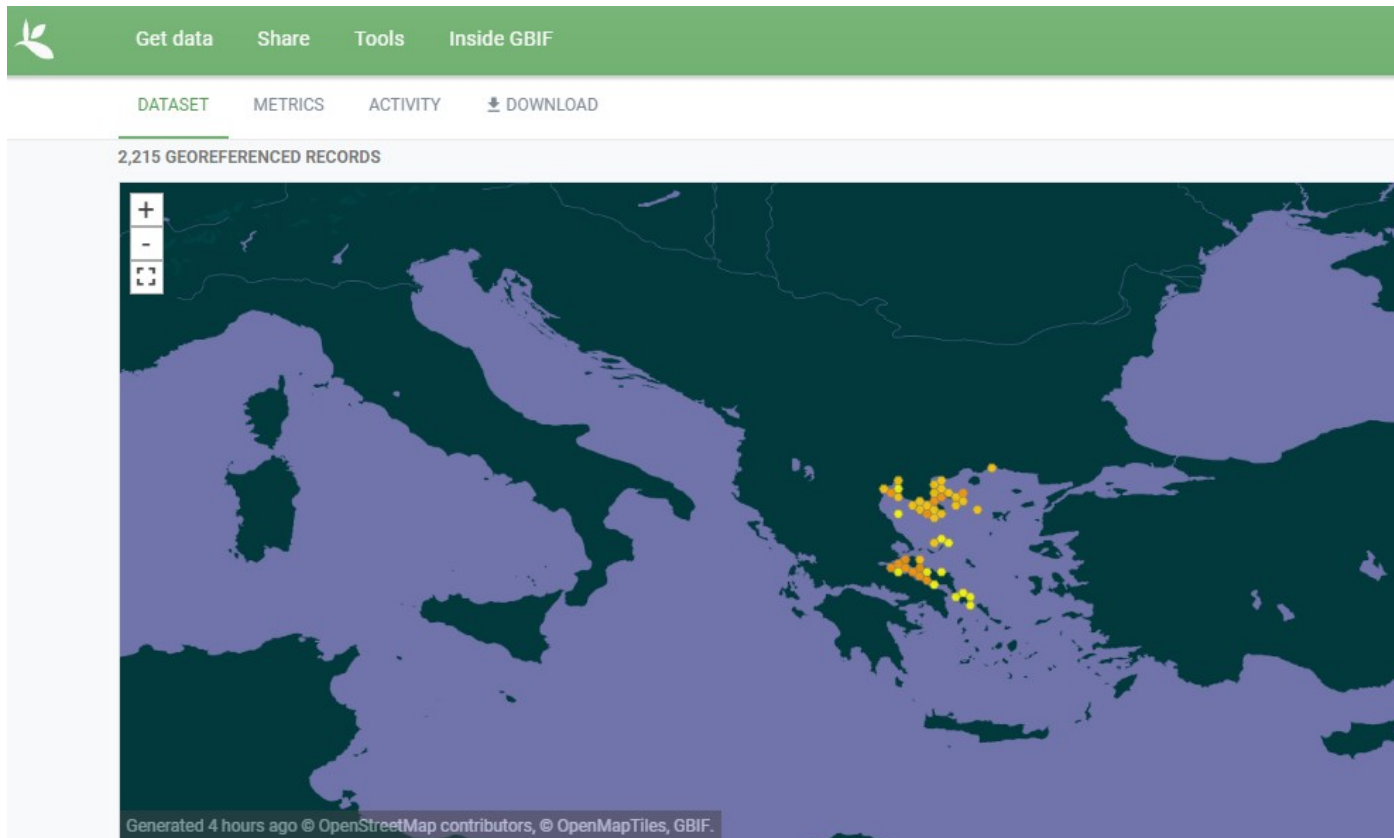
Are my Data FAIR? Download from

<http://ipt.medobis.eu/archive.do?r=aegeanpolychaetes&v=1.12>

- F principles are fulfilled (rich metadata always available, APIs)
- A principles are fulfilled (if data provider agrees then data can be retrievable and accessible)
- I principles are fulfilled (standardised vocabularies, darwin core terms)
- R principles fulfilled (usage license, detailed provenance)



DATA FARNESS



The IPT also acts as a visualisation tool, as it includes a web application allowing for browsing and searching of published data, along with basic mapping services.

Check at:

<https://www.gbif.org/dataset/f97f5c65-9a82-436b-a751-fcd0e9be09cc>