ADVANCE – Advanced metadata standards for biodiversity survey and monitoring data: Supporting of research and conservation

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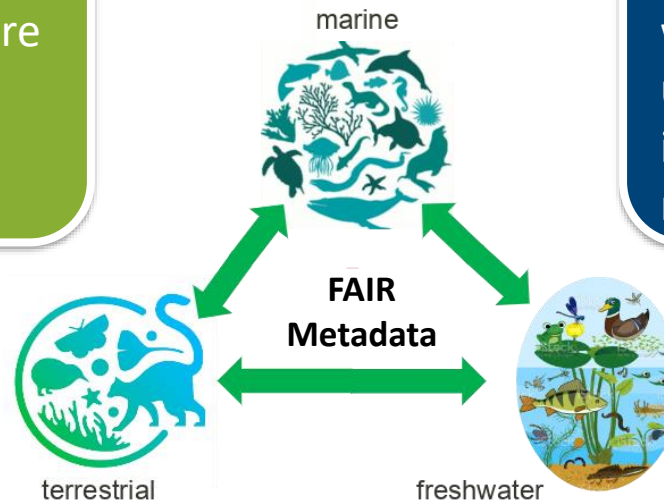
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BACKGROUND

Biodiversity monitoring data collected across terrestrial, freshwater and marine realms are highly complex and heterogeneous. The successful integration and re-use of such data depends on how FAIR they are

AIM

Underpinning rich metadata generation with interoperable metadata standards using semantic artefacts to facilitate access, integration and reuse of biodiversity monitoring data across realms

APPROACH

- Revising, adapting and expanding existing metadata standards, thesauri & vocabularies
- Building a metadata schema that implements quality control and complies with the FAIR principles

marine

terrestrial

FAIR Metadata

freshwater

OUTREACH

- Vocabulary & controlled lists available online via *EnvThes*
- Metadata template mapped to BioPortal ontologies available online via *CEDAR*

NEXT STEP

Biodiversity monitoring data will be used to test, refine and illustrate the strength of the concept in cases of real use

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