



Contribution ID: 99

Type: POSTER&PITCH

Development of recommendations for the implementation of semantic artifacts in HMC Earth and Environment

Monday 4 November 2024 16:00 (1 hour)

Embedding semantics within research metadata serves to standardize, refine and contextualize it, thereby improving interoperability between data sources and promoting the FAIR principles. Within the Helmholtz Association, we are committed to evaluating existing semantic resources and established practices and to developing guidelines for their handling and use in the field of earth and environment. In order to develop appropriate recommendations, we have set up a community working group to discuss similarities and differences between institutions in dealing with 'semantics', and to relate these to practices in other organizations and the literature. The working group is divided into the work packages "Observable properties" and "Measurement instruments/methodology" and will be expanded to include further work packages if required. Discussion points and derived recommendations are made available transparently on our HMC Earth and Environment community portal and are explicitly open to changes, ensuring that they are continuously adapted to current developments. The aim of the working group is to develop and agree upon concrete recommendations for the implementation of semantics in the field of Earth and Environment, to support others in their decisions and to improve data interoperability within Helmholtz Earth and Environment.

Please specify "other"

In addition, please add 3 to 5 keywords.

Semantics, Controlled vocabulary, Earth and Environment

Please specify "other"

For whom will your contribution be of most interest?

Data professionals and stewards

Please assign yourself (presenting author) to one of the following groups.

Data professionals and stewards

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Session Classification: Poster Session C

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level