**Recommendation **

Recommendation to ...

Description

Status:

Motivation for this Recommendation:

[shortened from below]

Recommendation

We recommend to data repositories to use one or more of the following metadata schemas as export formats to exchange metadata:

- DataCite Schema 4.5. for general metadata

- ISO 191XX for geospatial data

- schema.org

- DCAT v3 (for compatibility with EOSC recommendations)

Not all of these schemas cover all desired metadata sufficiently, so we are defining some implementation details in the sub-chapters of this recommendation.

We also aim to provide converters based on established crosswalks between these schemas.

Binding Convention:

	mandatory	conditional	optional
Helmholtz FAIR Principle			

Precondition for Implementation:

Related Recommendations

Parent:

Dependent:

Other: none

Contributors

Names of contributors to this recommendation

Content

1. Explanation of the Background and Benefits of the Recommendation

About

History and structure

Current Use of …

Motivation

2. Possible alternative solutions

3. Consideration of the advantages and disadvantages of implementing the recommendation

(quality of content, limitations, interoperability, sustainability: expected future dissemination / technical availability / funding)

4. The Recommendation

[Format: Wer! macht was! wo! wann! unter welchen Voraussetzungen!]

5. Naming of communities that have already implemented the recommendation

6. Documentation of the test to validate correct implementation

7. Examples of Instances

8. Further Information

References

Relevant Community Recommendations

9. History of this document

From:
https://earth-and-environment.helmholtz-metadaten.de/wiki/ - **HMC Earth and Environment Community Wiki**

Permanent link:
https://earth-and-environment.helmholtz-metadaten.de/wiki/doku.php?id=wiki:5_management:0_todo:3_interfaces:i2.0

Last update: **2026/03/30 13:53**