

**Recommendation I0**

# Interfaces

**Recommendation to implement harmonized interfaces and exchange formats to harvest and exchange metadata and data**

## Description

Status:

## Motivation for this Recommendation:

[shortened from below]

## Recommendation

[shortened from below]

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

## Binding Convention:

	mandatory	conditional	optional
<b>Helmholtz FAIR Principle</b>			

## 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

To Harmonize: - Messinstrument - methodik - gemessenes attribut - gemessener parameter - gemessene Einheit - gemessenes Objekt / Medium - SampleID

How do we apply this to the metadata schemas used for export?

#### 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:start](https://earth-and-environment.helmholtz-metadaten.de/wiki/doku.php?id=wiki:5_management:0_todo:3_interfaces:start)

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

