**Recommendation 4.0 **

# Recommendation to use DataCite DOI as the standard reference in technical infrastructures to data sets where appropriate

## Description

Status: draft 2025-03-20

## Motivation for this Recommendation:

- Identification of research data
  - unique
  - citable
  - common system
- Persistence

## Recommendation

[shortened from below]

We recommend to repositories, to register all data sets with DataCite to register a DataCite DOI at the time of submission the latest. We also recommend to submit full metadata to DataCite and also to keep the metadata current.

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

## 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

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