** Implementation K1**

DataCite DOI

Use Case 1: GEOMAR

Status

GEOMAR is a member of the DataCite consortium, but DataCite DOIs for datasets are currently not actively used. GEOMAR data deposited in the Pangaea repository receives DataCite DOIs through the Pangaea Systems.

- As a result, there is no systematic capture or assignment of DataCite DOIs at GEOMAR at present
- The technical platform Fabrica is available for DOI registration

Responsibility

- Likely shared between library and data management staff, but not yet clearly formalized
- There are currently no documented workflows or institutional guidelines for DataCite DOI usage

Challenges

- A key challenge is the lack of implementation and integration into existing workflows
- Specific gaps include:
    - Missing DOI registration workflows for datasets
    - Missing integration with repositories (e.g. OceanRep or other data platforms)

Outlook

We strive to work with the library and the data management group to develop clear workflows to capture and store DataCite DOIs within GEOMAR data systems where appropriate.

Use Case 2: Geoforschungszentrum Potsdam (GFZ)

What is the current status?

Where shall we go?

Use Case 3: Helmholtzzentrum für Umweltforschung (UFZ)

Implementation Group ORCID:

HMC: Andrea, Manu

UFZ: Johann, Ronny

What is the current status in capturing PIDs? Who is responsible for ORCID?

What tools do we need or are involved?

What are the next steps?

Use Case 4: KIT

What is the current status?

Where shall we go?

Use Case 5: Hereon

What is the current status?

Where shall we go?

Use Case 6: AWI

What is the current status?

Where shall we go?

Use Case 7: FZJ

What is the current status?

Where shall we go?

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