

## 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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