

March 3, 2022

# DeIC DataCite - Brief report on operational status and current developments

Geological Survey of Denmark and Greenland (GEUS)

## DOI usage

GEUS currently creates DOIs for two repositories:

- 1) The GEUS Dataverse (<https://dataverse01.geus.dk/dataverse/geus>)
- 2) The GEUS Publication Database “gPub” (example: 10.22008/gpub/34638)

## Dataverse

The GEUS Dataverse by far accounts for the majority of the DOIs created by GEUS. As of 2022 it contains more than 7000 files, each with a DOI for each version of the file, totaling more than 30.000 DOIs.

The GEUS Dataverse provides public access to datasets, many of which are connected to journal publications published elsewhere.

The use of DOIs makes the data files findable, accessible, and easy to reference. Separate DOIs for each version ensures that there is no ambiguity when referencing exactly what data was used.

## GEUS publication database “gPub”

GEUS uses our newly created publication database “gPub” to make our scientific reports available and findable. DOIs ensure that our publications can be referenced in a consistent manner. Before DOIs, authors could only refer to various websites where the publications might be hosted, with no assurance of whether the links would still be working the following year.

From now on, new GEUS Reports will be made available from gPub and each report will be assigned a DOI.

As of 2022, around 1100 GEUS Reports released between 1997 and 2022 have been made available and assigned a DOI. We expect to assign DOIs to a further 1000 reports once the files have been prepared. In addition, we expect to assign DOIs to around 60 newly released reports each year.

## Status

The current solution for assigning DOIs seems to be working well and allows us to make both our data and our publications findable and easy to reference.

Peter Olsen (peo@geus.dk)

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