FID GEO: Digital transformation and Open Access in Germany’s geoscience research community

A. Hübner1, G. Martinson2, R. Bertelmann3, K. Elger4, N. Pfurr5, and M. Schüler1

1 GFZ German Research Centre for Geosciences, Potsdam, Germany, 2 Niedersächsische Staats- und Universitätsbibliothek Göttingen, Georg-August-Universität Göttingen, Göttingen, Germany, 3 Department of Biogeochemistry, Max Planck Institute for Terrestrial Microbiology, Marburg, Germany

www.fidgeo.de

What we do

The Specialised Information Service for Solid Earth Geosciences ("Fachinformationsdienst Geowissenschaften der festen Erde" FID GEO) provides guidance and state-of-the-art services for Germany’s geoscience community:

- Electronic publishing of texts
- Publication of research data
- Digitisation of texts and maps

E-Publishing

Electronic publication of institutional series, pre- and postprints of peer-reviewed journal articles and monographs.

- published by FID GEO repository
- reliably citable with Digital Object Identifiers (DOI)
- Open Access

current focus:

Improvement of technology and feature enhancement of FID GEO repository.

- software-update Dspace
- provision of DOIs for current and all future documents
- link for reviewers
- citation analysis, print-on-demand

Research Data

Publication of research data, focussing on data that are related to a journal article.

- expert advice to institutions and researchers
- publication in accordance with researcher’s home institution
- provision of metadata by API
- published in the repository of FID GEO

current focus:

Promotion of the Coalition for Publishing Data in the Earth and Space Sciences (COPDESS) initiative.

- workshops on data publication for early career scientists
- addressing institutions via existing networks like the research network Geo.X in the Berlin-Brandenburg area
- addressing researchers via learned societies: presenting the topic on societies’ websites and conferences

Digitisation

Digitisation of public domain texts and maps „on demand” as well as digitisation of institutional series and other print publications.

- Open Access
- preferentially from the library catalogue of SUB Göttingen
- reliably citable with DOI

current focus:


- negotiate copyright with publishers and authors
- state-of-the-art scans including OCR
- to be published open access in the repository of FID GEO