

**Session 9.2: New Developments in Science Communication (Neue Initiativen in der Wissenschaftskommunikation): Talk
A-497**

FID GEO: New services for open access to scientific literature, maps and research data

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Content

The Specialized Information Service for Solid Earth Geosciences (FID GEO) addresses the digital supply of open and reusable research results. The FID GEO offers services for the scientific community, but also the public benefits from open access to scientific literature, maps and research data.

The FID GEO supports the scientific community in the areas of

- 1) open access e-publication of institutional and "grey" literature as well as pre- and postprints of scientific articles,
- 2) digitisation of geoscience literature and maps and
- 3) publication of research data related to scientific articles (data supplements).

Below, recent activities of the FID GEO are described and services are illustrated with examples to point out the benefits for researchers and for science in general.

Currently, the FID GEO is commissioned to digitise older issues of the journal "Zeitschrift für Geophysik" on behalf of the German Geophysical Society. These issues, so far print-only, are to be published electronically and freely available (open access) on the repository of the FID GEO (e-docs.geo-leo.de). While digitisation is funded by the FID GEO, the primary challenge is to clarify the legal situation for publication.

Regarding research data, GFZ Data Services is the partner of the FID GEO, providing the repository for data publication and associated services. The FID GEO presently focuses on raising awareness in the scientific community to the issues of data publishing. The FID GEO promotes the implementation of the standards formulated in the "Statement of commitment" of the "Coalition for publishing data in the Earth and Space Sciences (COPDESS)" and adherence to the "FAIR data principles". The scientific community is approached via existing networks such as learned societies and their umbrella organizations, the DVGeo and the GeoUnion, and also research networks like Geo.X in the Berlin-Brandenburg region. In consultation with the scientific community, model workflows are developed for the publication of research data.

Since 2016 the FID GEO is funded by the German Research Council (Deutsche Forschungsgemeinschaft) and hosted by the SUB Göttingen and the German Research Center for Geosciences GFZ.