

# The Specialised Information Service for Geosciences: Supporting Open Science in the Geosciences



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The Specialised Information Service for Geosciences (FID GEO), funded by the German Research Foundation (DFG), supports the cultural change towards Open Science in the Geosciences. FID GEO actively offers data and text publication services via their associated repositories as well as digitisation on demand of print-only geoscience literature and maps.



If you would like to use our services or have any question related to Open Access publications, data or code publications, etc., please don't hesitate to contact us.



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## Publication of Research Data



Publication of research data via GFZ Data Services, the domain repository for the geosciences, hosted at GFZ.



- data curation by domain scientist
- long-tail data and global networks
- optional: project specific layout for DOI landing pages

\*guiding principles for Findable, Accessible, Interoperable and Re-usable Data. Wilkinson et al., 2016 <https://doi.org/10.1038/sdata.2016.18>

## Implementation of FAIR Principles\* @ GFZ

- international metadata standards (human readable and machine actionable)
- controlled domain vocabularies (linked-data)
- integration of PIDs: DOI, ORCID, IGSN, ROR, ..
- open licenses for data and software
- metadata exchange via standard interface

## Electronic Text-Publications



of pre- and postprints of scientific articles and monographs, institutional series and grey literature (e.g. excursion guides, conference proceedings)



- Text-Repository GEO-LEOe-docs
- Open Access
- DOI, ORCID
- Visibility in portals and library catalogs
- Long-term archiving

## Current digital series on GEO-LEOe-docs



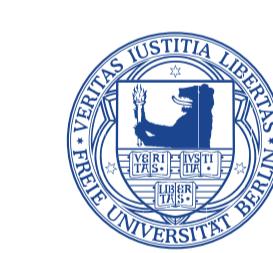
Zeitschrift für Geophysik



Berichte der Deutschen Gesellschaft für Moor- und Torfkunde



Greifswalder Geographische Arbeiten



Berliner Geowissenschaftliche Abhandlungen

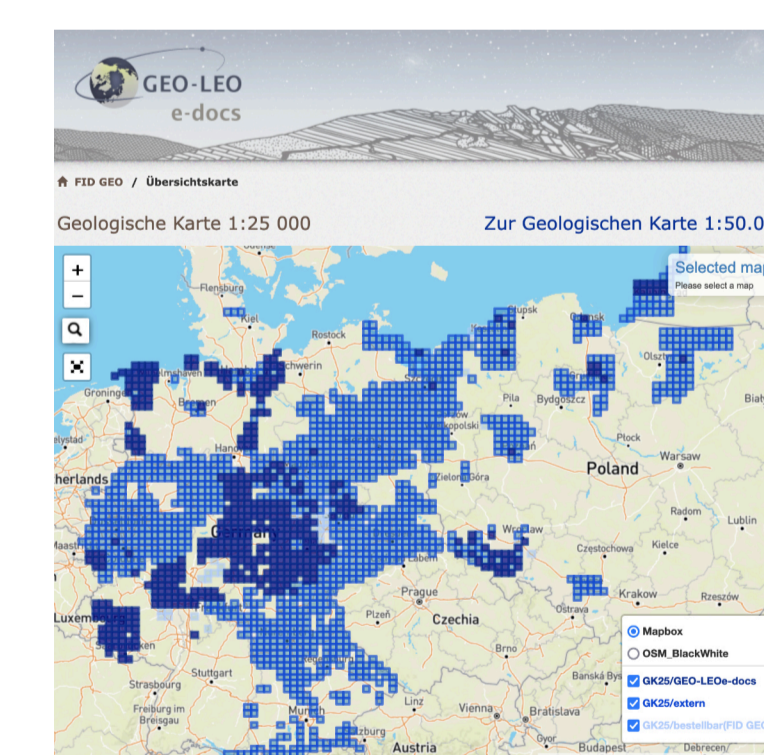
## Retro-digitization



on-demand service for retro-digitization of out-of-copyright and out-of-print texts and geological maps and institutional series and 'grey literature'

- free of charge for researchers
- followed by Open Access publication on GEO-LEOe-docs including DOI

## Geological Maps 1 : 25 000 / 1 : 50 000



Overview map:

<https://e-docs.geo-leo.de/map>

- ~3600 freely accessible maps
- on-demand digitization with FID GEO

## FID GEO Cooperations:

**FID KARTEN**  
Fachinformationsdienst  
Kartographie und Geobasisdaten



[www.nfdi4earth.de](http://www.nfdi4earth.de)

**FID KARTEN** (Cartography and Geodata)

**FID MONTAN** (Mining and Metallurgy)

FID GEO is partner of the national research data infrastructure (**NFDI**) for Earth System Science



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