



**Staatsbibliothek
zu Berlin**
Preußischer Kulturbesitz

GEODATA IN THE BERLIN STATE LIBRARY-STATUS & PERSPECTIVES

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Map Department

Berlin State Library – Prussian Cultural Heritage (SBB)

Important facts about the Map Department (SBB)

Digital Geodata

- Collecting
- Cataloging
- Providing

Major and largest map collection in Germany (ongoing)

- 1,2 Mio. analogue maps (including the collection of the Imperial German General Staff)
- 250.000 digital maps
- 154.000 views
- 35.000 atlases
- 800 globes und reliefs
- 38.000 volumes specialist literature

Focal points

- old and modern topographical map series (worldwide; paper and digital)
- town plans (worldwide)
- fortification and military battle maps (Europe)
- geological, historical, archeological, health, or language atlases and maps (worldwide)
- globes
- Prussia
- maps of German speaking regions

Specialized Information Service Cartography and Geodata (Fachinformationsdienst Kartographie & Geobasisdaten

– FID Karten)

- funded by the German Research Foundation (DFG) since 2016 / 3rd project phase
- target group: researchers from all spatial sciences
- aims: improving the digital research environment & extending the support
 - infrastructures (catalogues, bibliography, repository)
 - customized information on cartographic materials (literature, geodata incl. scans)
- all German scientific institutions are invited to apply for support
- take a flyer and have a look at <https://kartographie.staatsbibliothek-berlin.de/>

New Division *Digital Cartography and Geodata*

- collecting current and historical digital geodata
 - official (legal deposit)
 - research
- national metadata catalogue for analogue and digital geodata
 - ongoing, not just historic titles

Collecting geodata

- preserving and linking current born digital geodata (official, collaborative, research)
- making analogue geodata digitally available
 - digitization (841 x 1189mm (DIN A0), resolution up to 1.000 dpi)
 - Deutsche Digitale Bibliothek (**DDB**) archiving and presentation of digital images (**Kitodo**)
 - collaboration for georeferencing and vectoring (researchers, companies, crowd, AI)

Cataloging geodata

- **PICA3** metadata format used by many German, Dutch and other libraries
- Machine-Readable Cataloging Format (**MARC 21**) international library metadata (exchange) format
- Ressource Description & Access (**RDA**) International cataloging guideline; add. for cartographic resources; (**RDA D-A-CH**) <https://sta.dnb.de/doc/RDA-R-KART>
 - no recommendations for cataloging digital geodata so far (work in progress)
 - exchange with international libraries (Library of Congress, British Library,)
 - connected catalog entries for original, digital image, research (geo)data (raster- & vector data)
 - Persistent Identifier (**DOI**) for research data

Providing geodata

- international collaborative **metadata catalogue** (D-A-CH) planned
 - printed plans, maps and map series (like Kartenportal.ch)
 - printed and electronic literature on cartography, geodata and spatio-temporal research (Bibliographia Cartographica, bc.staatsbibliothek-berlin.de)
 - Digital geodata (vector and raster) (like Earthworks.stanford.edu)
- repository
 - digital research (geo)data (generated on the basis of our collection) (kartdok.staatsbibliothek-berlin.de)
- long term preservation

We are open for your research and workshops



Map reading rooms, Berlin State Library





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LET´S KEEP IN CONTACT!

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