

New B2FIND version deployed

We are pleased to announce the release of **EUDAT B2FIND 2.4**, a new version of the cross-disciplinary metadata catalogue B2FIND (b2find.eudat.eu). This version includes **new design of the graphical user interface, improvements of search performance, enhancement of harvesting and mapping functionalities** and **extension of the meta data schema** by elements like <relatedIdentifier> and <Contributor>. B2FIND now also represents metadata records from [PANGAEA](#).



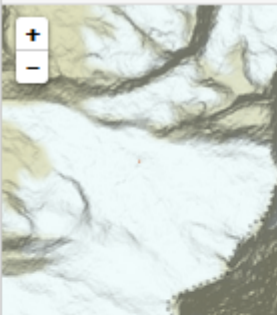
B2FIND is a **discovery service for research data** distributed over memory areas within [EOSC-hub](#) and beyond. It is a basic service of the pan-european infrastructure [EUDAT CDI](#) and **will become the central indexing tool for EOSC-hub**. For this we built up a comprehensive joint metadata catalogue that spans a wide spread scope of scientific outcome - from Climate Research to Social Science and Particle Physics to Economics. Therefore different metadata formats, schemas and standards are homogenised on the B2FIND metadata schema, allowing users to search and find research data across scientific disciplines and research areas - thus enabling an interdisciplinary perspective.

B2FIND provides **powerful search functionalities**: metadata records can be found with a freetext-search, results may be narrowed down using different facets (e.g. geospatial or timeline search). Referencing data identifiers will either link to a landing page or to the data itself.

B2FIND also acts as a **data curator**, endorsing data providers in the creation, dissemination and quality assurance of their metadata. In addition B2FIND offers detailed **training material** (<https://github.com/EUDAT-Training/B2FIND-Training>) that guides interested parties through the entire life cycle of metadata, thus being a supporting service for research communities concerning technical and content related issues.

Further information can be found here: <https://eudat.eu/services/b2find>, for Data Providers we refer to our Guidelines (<http://b2find.eudat.eu/guidelines/introduction.html>). B2FIND is an open source project, everyone is free to use the source code: <https://github.com/EUDAT-B2FIND>.

Dataset extent
Dataset Communities



Map data © OpenStreetMap contributors
Tiles by Stamen Design (CC BY 3.0)

Social

Google+

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Facebook

Multi-temporal airborne laser scanning raster data from Findelengletscher, Valais, Switzerland, 2005-2010, supplement to: Joerg, Philip Claudio; Morsdorf, Felix; Zemp, Michael (2012): Uncertainty assessment of multi-temporal airborne laser scanning data: A case study on an Alpine glacier. Remote Sensing of Environment, 127, 118-129

DOI

This dataset contains multi-temporal raster geotiff data of the Findelengletscher, Valais, Switzerland (46° N, 7° 52' E), documenting the glacier change in the period 2005-2010. The data is available in the Swiss datum CH1903 (LV03). Elevations are in meters in the Swiss LN02. The spatial resolution is one meter. The airborne laser scanning (LiDAR) point cloud data was interpolated into a raster grid in Matlab (average of point elevations per grid cell). Empty cells were interpolated using a least squares method without changing known values. Moreover, the extrapolation behavior was linear.

| Identifier | |
|-----------------|---|
| DOI | http://dx.doi.org/doi:10.1594/PANGAEA.887718 |
| Metadata Access | http://ws.pangaea.de/oai/provider?verb=GetRecord&metadataPrefix=datacite3&identifier=oai:pangaea.de:doi:10.1594/PANGAEA.887718 |

| Provenance | |
|------------------|--|
| Creator | Joerg, Philip Claudio; Zemp, Michael; Morsdorf, Felix |
| Publisher | PANGAEA - Data Publisher for Earth & Environmental Science |
| Publication Year | 2018 |
| Rights | Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported (CC-BY-NC-SA) |

| Representation | |
|----------------|---------------------------|
| Language | English |
| Resource Type | Supplementary Dataset |
| Format | text/tab-separated-values |

| Coverage | |
|------------------|-----------------------|
| Discipline | Earth System Research |
| Spatial Coverage | (46N,8 E) |

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