

BORIS Portal

Research Data, Projects and Funding

Dr. habil. Olga Churakova & Open Science Team, Bern University Library

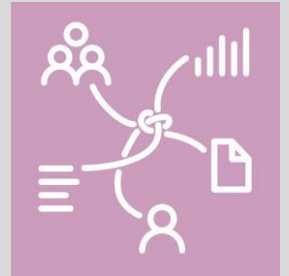
30 September, 2021

[E-Mail: openscience@ub.unibe.ch](mailto:openscience@ub.unibe.ch)

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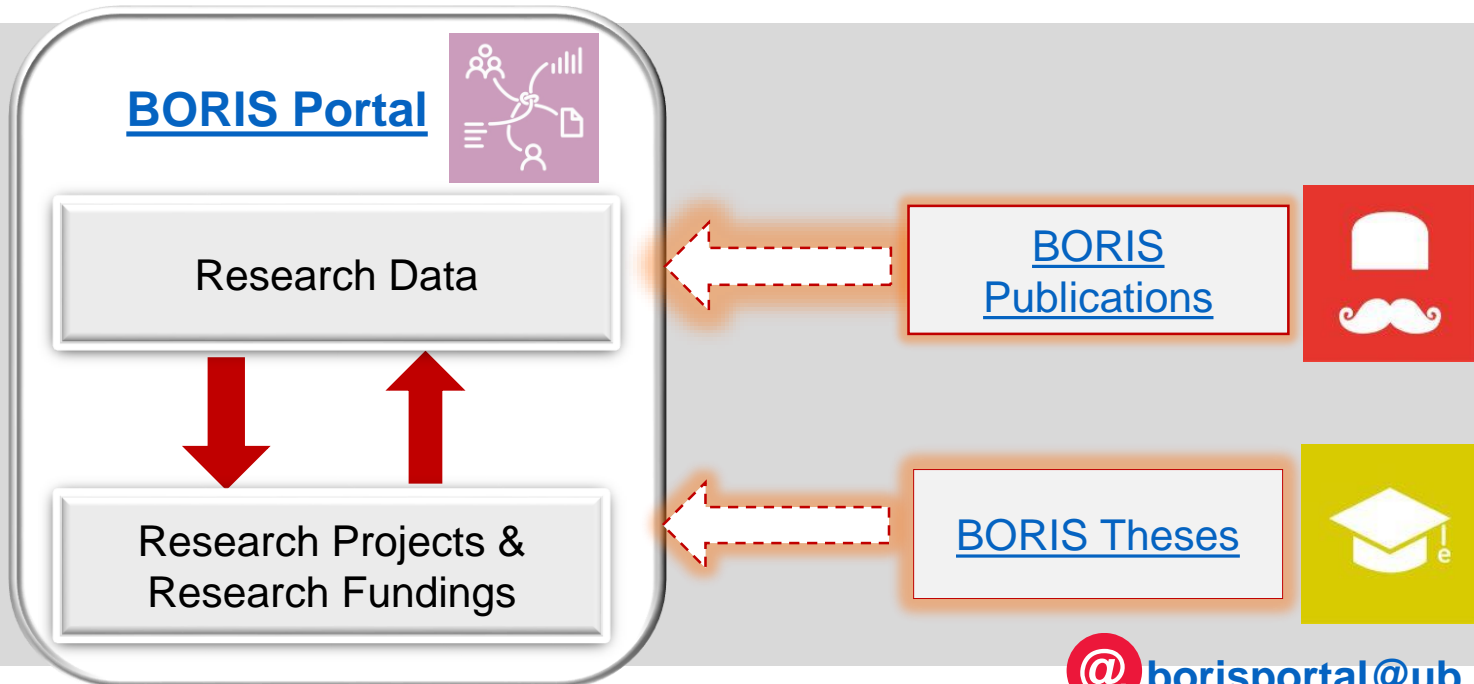
Overview

- BORIS Portal
- Research Projects and Funding
- Research data and data access
- FAIR data principles
- Open Science service at the University of Bern



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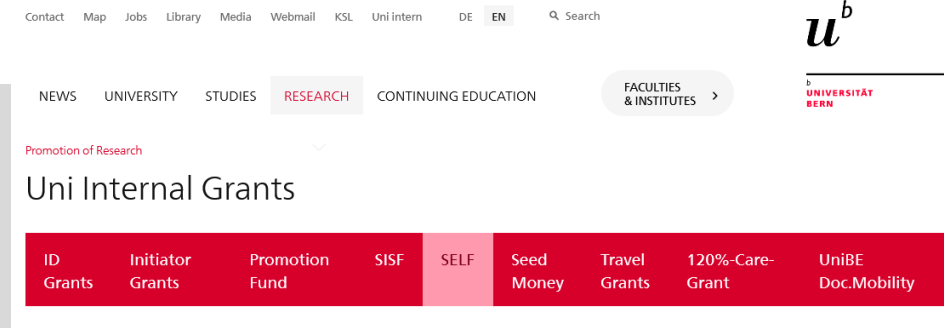
Research data, Projects & Funding



BORIS Portal

Allows researchers to

- keep research project documentation and make it available for authorized users
- increase visibility and potential for interdisciplinary and inter-faculty projects
- link research projects with funding information and scientific publications
- comply with FAIR principles and funding agencies requirements



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NEWS UNIVERSITY STUDIES **RESEARCH** CONTINUING EDUCATION FACULTIES & INSTITUTES >

Promotion of Research

Uni Internal Grants

ID Grants	Initiator Grants	Promotion Fund	SISF	SELF	Seed Money	Travel Grants	120%-Care-Grant	UniBE Doc.Mobility
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BORIS Portal

Research Data, Projects and Funding

BORIS Portal is an institutional repository

for research data, projects and funding

BORIS Portal meets FAIR data principles

and complies with requirements of the SNSF [Check list](#)
and the EU-Commission

Costs:

free of charge for datasets < 1 TB / per Researcher / Year
60 CHF per each additional TB / Year

Reusability and transparency:

Data sets will be publicly accessible worldwide via
the Internet



Identificator for Organisations (Crossref, Fundref)

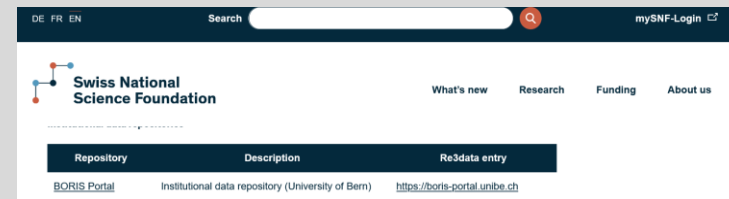
Certification is under consideration

(e.g. [Core Trust Seal](#) - Core Trustworthy Data
Repositories requirements)

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Check list to comply with FAIR data principles

- Unique and persistent identifiers (e.g. DOI) is provided
- Machine readability/interoperability
- Citation information and metadata always available even for closed and restricted data
- Metadata contain intrinsic information (e.g. author's name, content of dataset, associated publication, etc.) and submitter-defined (e.g. definition of variable names, etc.)
- Data owner can upload/choose a license (CC0, CC-BY)
- Long-term (min. 10 years) archiving



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Projects and fundings submission flowchart



For funded projects only

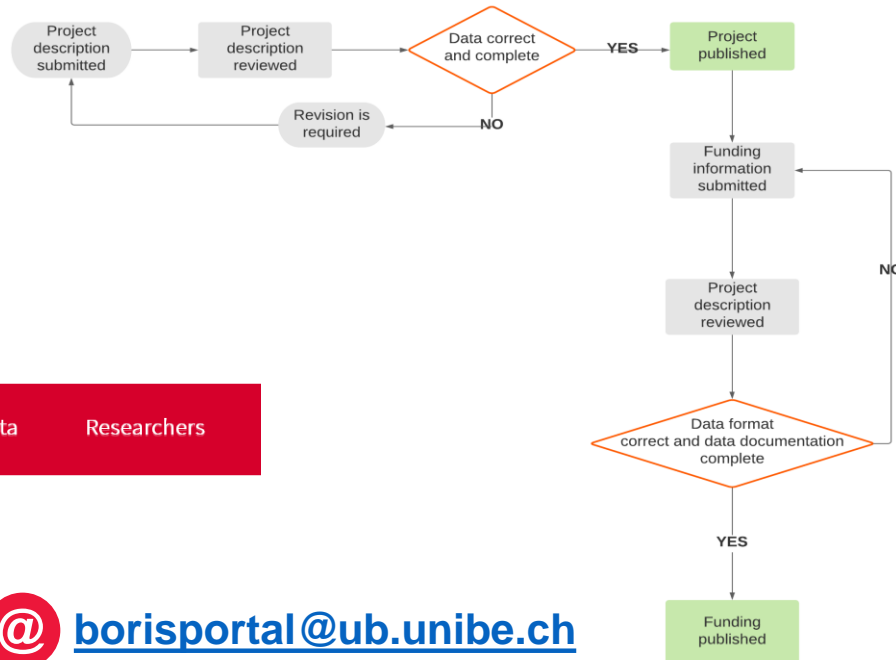
ID Grant number

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Home Projects Fundings Research Data Researchers

borisportal@ub.unibe.ch



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Research data access

[List](#) of supported data formats
Data upload: 2 Gb / File

Open

for completely anonymized data and all other non-personal data that can be publicly shared.

Data Transfer Agreement (DTA) is recommended

Embargoed

for data that must be withheld for a certain period of time (embargo), e.g. due to a non-disclosure-agreement. Manual set-up, automatic updates.

Restricted

for personal data that was anonymized but is still too sensitive to share openly.

Closed

for data that cannot be shared openly. **Data files should not be uploaded**, but metadata should be registered to give proof of the dataset.

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Research data access

Supplemental material

will be openly published on your item under public domain (CC0).

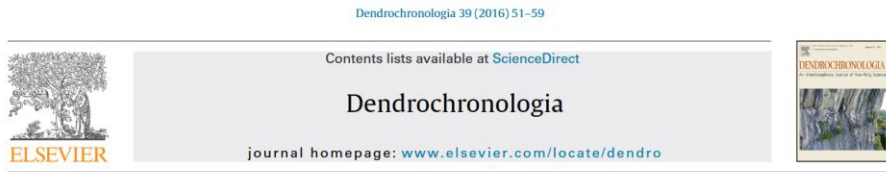


- ReadMe files
- Codebooks
- Methods
- Lab protocols
- Study design
- Supplement

Supplementary material can be uploaded, even if data availability is **Restricted, Closed** or **Embargoed**.

BORIS Portal Relations

Article Metadata on the journal website



Dendrochronologia 39 (2016) 51–59

Contents lists available at [ScienceDirect](#)

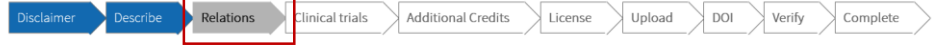
Dendrochronologia

journal homepage: www.elsevier.com/locate/dendro

ELSEVIER

Application of eco-physiological models to the climatic interpretation of $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ measured in Siberian larch tree-rings[☆]

Olga V. Churakova (Sidorova)^{a,b,g,*}, Aleksandr V. Shashkin^c, Rolf T.W. Siegwolf^g, Renato Spahni^h, Thomas Launois^{e,f}, Matthias Saurer^g, Marina V. Bryukhanova^{c,d}, Anna V. Benkova^c, Anna V. Kuptsova^c, Philippe Peylin^f, Eugene A. Vaganov^{c,d}, Valerie Masson-Delmotte^f, John Rodenⁱ



Dokumententyp:	Zeitschriftenartikel (Originalarbeit)
Einheit/Institut:	08 Philosophisch-naturwissenschaftliche Fakultät > Physikalisches Institut > Klima- und Umweltphysik (KUP) 10 Strategische Forschungszentren > Oeschger Centre for Climate Change Research (OCCR) 08 Philosophisch-naturwissenschaftliche Fakultät > Institut für Geologie
UniBE MitarbeiterIn:	Churakova, Olga und Spahni, Renato
Fächer:	500 Naturwissenschaften > 530 Physik 500 Naturwissenschaften > 550 Geowissenschaften, Geologie
ISSN:	1125-7865
Verlag:	Elsevier
Sprache:	Englisch
Submitter:	Manu
Erstellungsdatum:	11 Jul. 2016 15:01
Letzte Änderungen:	01 Mrz. 2017 09:35
Verlag DOI:	10.1016/j.dendro.2015.12.008
BORIS DOI:	10.7892/boris.84428
URI:	https://boris.unibe.ch/id/eprint/84428

Title:	Stable carbon and oxygen isotopes in larch tree-ring cellulose from Yakutia
Contributor(s):	Churakova, Olga
Contact:	Churakova, Olga
Data Availability:	Open
Keyword(s):	Larix cajanderi Mayr.;Siberia;Stable isotopes;Carbon;Oxygen;Tree-ring cellulose
Subject(s):	500 - Science > 550 - Earth sciences & geology 500 - Science > 560 - Fossils & prehistoric life 500 - Science > 580 - Plants (Botany)
Description:	Stable carbon ($\delta^{13}\text{C}$) and oxygen ($\delta^{18}\text{O}$) in tree-ring cellulose are presented for the period from 1945 to 2004 CE.
URI:	http://hdl.handle.net/20.500.12422/15
DOI:	https://doi.org/10.48620/4
Rights:	zero
Type:	Dataset
Appears in Collections:	Research Data

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License

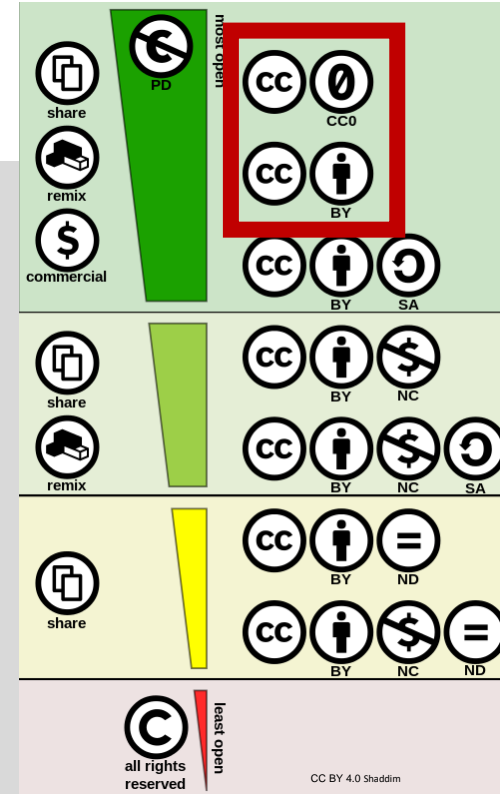
According to the best practice, it is recommended to publish research data under the most recent Creative Commons Attribution International Public License ([CC BY](#)) or [Creative Commons Public Domain Dedication \(CC0 license\)](#).

CC0, CC-BY for anonymised data only!



CC0 can not be applied if

- there are ethical, legal or contractual agreements;
- data will be commercially exploited (patents) or
- there are some forms of processed data, e.g. elaborate visualisations



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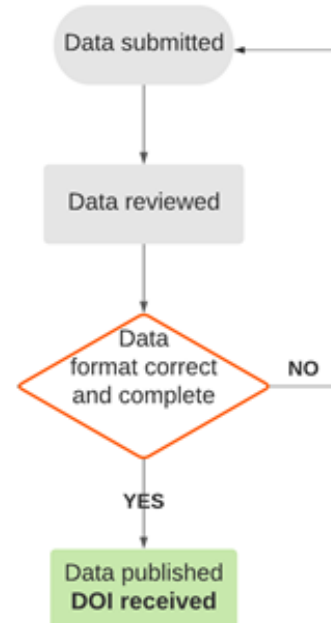
Research data submission flowchart



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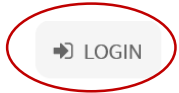
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Support

BORIS Portal [Training / Workshops](#)

Date	Time	Language	Target group	Place	Registration
02.11.2021	14:00-15:00	English	All faculties, incl. Insel-Hospital	Zoom	Registration



borisportal@ub.unibe.ch

Open Science

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Prof. Dr. Christian Leumann, Rector of the University of Bern, on BORIS Portal, research data, projects and fundings ([Link](#))

Thank you

for your attention

Bern University Library, Open Science
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