



Universität
Basel

Research Data at UNIBAS: Needs and Tips

Silke Bellanger

Information and help writing your DMP @UNIBAS



Research Data Management-Network University of Basel

www.researchdata.unibas.ch

researchdata@unibas.ch

Planning

Active research

Sharing

Preserving

Services

Research Data Management

This is the main data portal of the University of Basel. This web site provides pointers to key resources and partners at University of Basel who can help you organize and manage your research data.



Planning

Data management plans are requested as part of most grant applications.



Active Research

Tools and services for active data management.

Latest news

01 OCTOBER 2018

SNSF submission deadline



Project Research Data @UNIBAS – started January 2018: Workpackages

- Regulations and Policies
- Sensitive Data Management
- Services and Workflows
- Sustainable Storage
- Archiving and Deleting of Data
- Communication

Project Research Data Management UNIBAS: Goals

1. Framework for research data management that allows researchers to be compliant with national and international requirements and standards, FAIR principles and different legal requirements and settings.
2. Providing basis for planning and decision making as well as risk assessments
3. Defining responsibilities, roles and procedures for research data management
4. Coordinating and developing sustainable lean services and infrastructures that serve the needs of researchers and the research communities

Who? A network!

- Basel University Library (UB)
- Biozentrum Research IT
- Data Protection Officer
- Departement Klinische Forschung Basel
- Digital Humanities Laboratory (DHLab)
- Forum Edition und Erschliessung
- Grants Office University of Basel
- Imaging Core Facility (IMCF)
- IT services of University of Basel (ITS)
- Legal Office University of Basel
- Research Office University of Basel
- sciCORE, Scientific Computing Center

What?

Case to case approach: Your question is the start

Please contact researchdata@unibas.ch if you need help regarding:

- Data Management Plan – Trainings, Review, Support
- Finding a general solution for publishing and archiving your data
- Organizing your data
- Data requirements of journals
- Tools
- Metadata

Please contact sekretariat-dhlab@unibas.ch if you need help regarding:

- Solutions for the humanities, images, complex data projects

Please contact samuel.mueller@unibas.ch if you need help regarding

- editions

Please contact datenschutz@unibas.ch if you need help regarding:

- sensitive data, personal data

Please contact scicore-admin@unibas.ch if you need help regarding

- active data management, large datasets, high performance computing

@universities in Switzerland

EPFL LIBRARY

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Share: [f](#) [t](#) [in](#) [g+](#) [e](#)

Research data

Kontakt Lageplan Jobs Universitätsbibliothek Medien Uni Intern DE EN Suche

AKTUELL **UNIVERSITÄT** STUDIUM FORSCHUNG WEITERBILDUNG

FAKULTÄTEN & INSTITUTE >

u^b FL Library

UNIVERSITÄT BERN

Dienstleistungen

Universitätsbibliothek

UB Recherche **Service** Teilbibliotheken Über uns

< Elektronisch publizieren

Forschungsdatenmanagement



Bei [Fragen](#) zum Forschungsdatenmanagement und Datenmanagementplänen stehen wir gerne zur Verfügung.



Universität Zürich UZH

data @ UZH

Data-Pilotprojekt • Forschungsunterstützung • Virtuelle Forschungsumgebungen • Hosting • Daten-Repositorien

Quick Links

- SNF Open Research Data
- Datenmanagementplan
- Über uns

Willkommen beim Data-Pilotprojekt!

Auf diesen Seiten dreht sich alles um Forschungsdaten. Im Rahmen unseres Projekts haben sich die → [Hauptbibliothek der Universität Zürich \(HBZ\)](#) und die → [Zentralbibliothek Zürich \(ZB\)](#) mit der Abteilung → [Service and Support for Science IT \(S3IT\)](#) zusammengetan, um zu klären, welche Rolle Forschungsdaten an der Universität Zürich heute bereits spielen und welche Bedürfnisse aus dem Umgang mit solchen Daten hervorgehen. Ziel des Projekts ist es, Lösungsvorschläge für Forschungsdatenmanagement an der UZH zuhanden der Universitätsleitung zu erarbeiten. Für die UZH als Mitglied der League of European Research Universities (LERU) ist die → [Roadmap for Research Data](#) eine wichtige Referenz.

Aber nicht alles ist Zukunftsmusik: Wir wollen an dieser Stelle auch auf bereits bestehende Services aufmerksam machen und Initiativen vorstellen, die sich an der UZH, am Forschungsstandort Zürich, in der Schweiz und international dem Thema Forschungsdaten widmen.

→ [Data-Pilotprojekt](#)



UNIL | Université de Lausanne

Accueil Événements Feuille de route

Gestion des données de recherche

In addition to DaSCH & FORS

Helpful links & services in Switzerland: DLCM

<https://www.dlcm.ch/>



HOME

#SRDD2018

RESOURCES ↗

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ABOUT US ↗

DATA MANAGEMENT PLAN
RESEARCH DATA POLICY

What is DLCM ?

We support researchers in managing their data from research proposal to publication and data archiving

LEARN MORE

GET IN TOUCH WITH US

Helpful links & services in Switzerland: Competence Center Digital Law



<https://ccdigitallaw.ch/index.php/english>



Welcome to the Competence Center in Digital Law. We support Swiss Higher Education Institutions (students, academic and administrative staff) in dealing with legal questions related to the digitalization process and the use of new media and technologies.

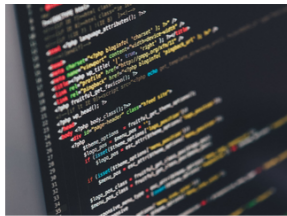
Showcases



How to avoid Plagiarism



Publishing on Social Media



Free & Open Source SW



Creative Commons

MY OWN PROJECT



Step by step toward your individual edition:

1 Requirement Analysis

>> Comprehensive analysis of your needs to run your project.

2 My Ontology

>> We optimise your data quality to enable long term preservation and offer project specific and generic data modelling

Consortium of European Social Science Data Archives European Infrastructure Consortium (CESSDA)



**Online Guide on
Research Data
Management**

<https://www.cessda.eu/Research-Infrastructure/Training/Expert-Tour-Guide-on-Data-Management>

DMP – Added Value

A Data Management Plan (DMP) offers added value in the following ways:



In the beginning:

- Clarify Roles – who is responsible in the longterm?
- Clarify legal and ethical restraints
- Organize Informed Consent

During the project

- Keep track of your data
- Decide on data management /description with your colleagues

After the project

- Enable others (@your institute) to continue to work on your data
- Find your data
- Promote your data
- Get your work acknowledged

<https://www.CESSDA.eu/Research-Infrastructure/Training/Expert-Tour-Guide-on-Data-Management/1.-Plan/Benefits-of-data-management>

Cost Calculation

UU.nl / Research / Research Data Management Support / Guides / Costs of data management

Research Data Management Support

🏠 **Guides** Tools & Services Blogs FAQ Contact us About Index

Guides

- > Data management planning
- > **Costs of data management**
- > Policies, codes of conduct and laws
- > Legal instruments and agreements
- > Informed consent for data sharing
- > Storing and preserving data
- > Handling personal data
- > Publishing and sharing data

Tools & Services

Blogs

FAQ

Contact us

Costs of data management

To help you estimate the costs of data management an overview of possible costs per research phase and research activity is presented.



CONTENT

1. [Estimate the costs of data management](#)
2. [Costs eligible for funding](#)

University of Utrecht
Research Data
Management Support

<https://www.uu.nl/en/research/research-data-management/guides/costs-of-data-management#datamangementcosts>

Personal and sensitive Data



EUROPEAN COMMISSION
Directorate-General for Research & Innovation

Horizon 2020 Programme

Guidance

How to complete your ethics self-assessment

Horizon 2020
Self Assessment
http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/ethics/h2020_hi_ethics-self-assess_en.pdf

Contact:
Ethical Commission of
your university

Informed consent

- Inform participants about the purpose of the research;
- Discuss what will happen to their contribution (including the future archiving and sharing of their data);
- Indicate the steps that will be taken to safeguard their anonymity and confidentiality;
- Outline their right to withdraw from the research.

Consent needs to be freely given, informed, unambiguous, specific and by a clear affirmative action that signifies agreement to the processing of personal data.

<https://www.cessda.eu/Research-Infrastructure/Training/Expert-Tour-Guide-on-Data-Management/5.-Protect/Informed-consent>

& see also FORS

 Click to see examples of consent forms

 UK Data Archive

 MRC Cognition and Brain Sciences Unit - University of Cambridge

 FORS (Swiss Centre of Expertise in the Social Sciences)

[FORS](#) provides [the following template](#) (downloads on click; FORS, n.d.) for informed consent for qualitative research projects.

Describing your data: Bartoc

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BARTOC.org
Basel Register of Thesauri, Ontologies & Classifications

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<https://bartoc.org/>

Contact:
andreas.ledl@unibas.ch

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Currently indexed vocabularies
2,856

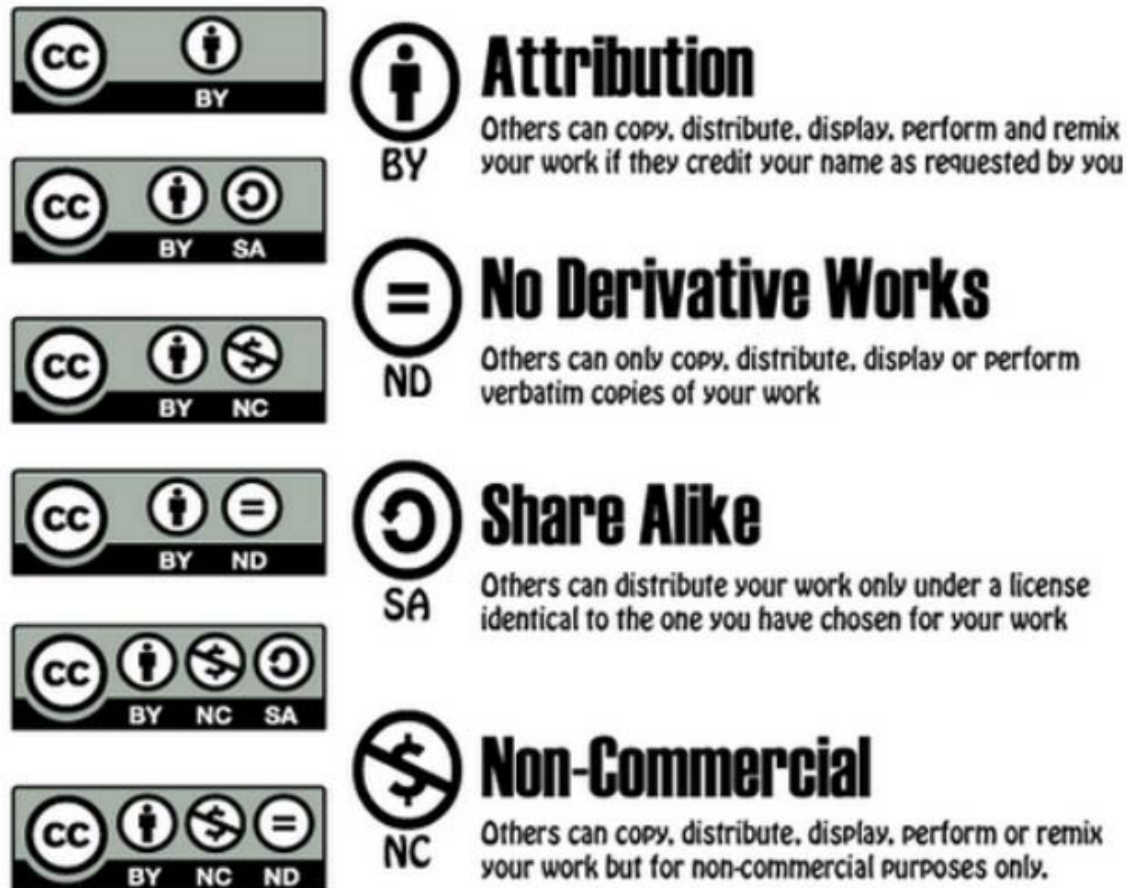
Currently indexed registries
89

Content by discipline

Social sciences	994
General works, Computer science and Information	583
History and Geography	463
Technology	459
Pure Science	403
Arts and Recreation	301
Language	139

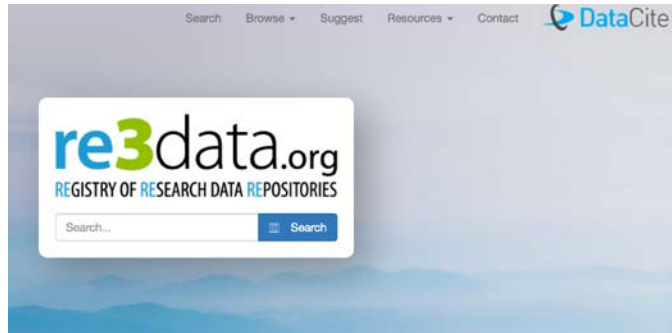
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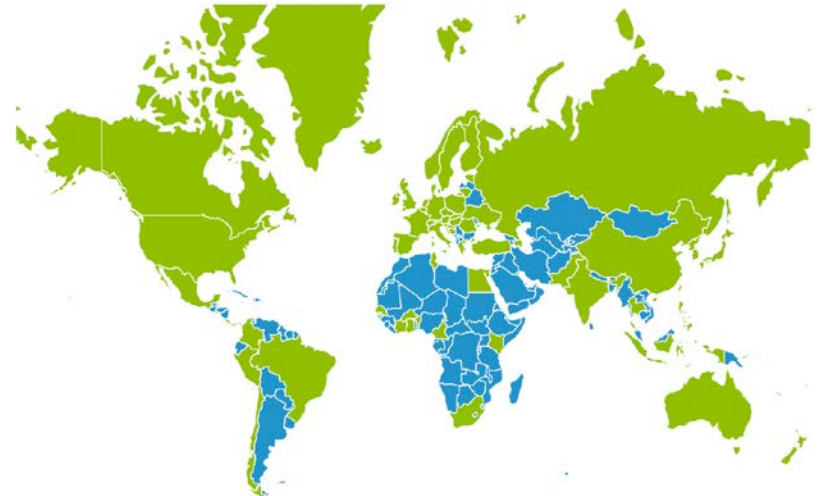
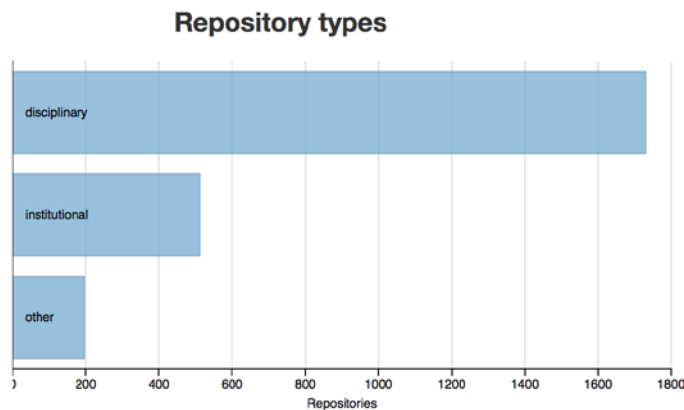


<https://creativecommons.org/licenses/>

Registry of repositories: www.re3data.org

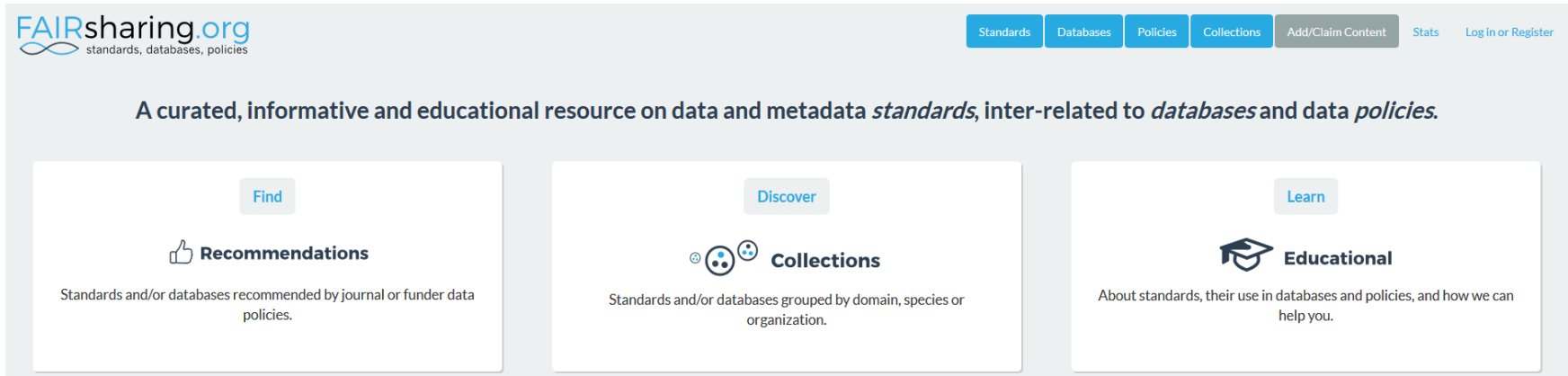


More than 2000 Research Repositories
About 64 Repositories in Switzerland





Publishing data: Registries of Subject Specific Research Data Repositories FAIRsharing



The screenshot shows the FAIRsharing.org website. At the top left is the logo "FAIRsharing.org" with the tagline "standards, databases, policies". To the right of the logo is a navigation bar with buttons for "Standards", "Databases", "Policies", "Collections", "Add/Claim Content", "Stats", and "Log in or Register". Below the navigation bar is a descriptive sentence: "A curated, informative and educational resource on data and metadata *standards*, inter-related to *databases* and data *policies*." Below this sentence are three main content areas, each with a button and a description:

- Find** (button): **Recommendations** (icon: thumbs up). Standards and/or databases recommended by journal or funder data policies.
- Discover** (button): **Collections** (icon: three circles with dots). Standards and/or databases grouped by domain, species or organization.
- Learn** (button): **Educational** (icon: graduation cap). About standards, their use in databases and policies, and how we can help you.

<https://fairsharing.org/>

What to store and publish: Value of your data?

- Are the data a unique unrepeatable measurement of the environment?
- Do the data have a broad geographical or temporal extent that makes them useful to others?
- Do the data have historic value i.e. do they represent a landmark in scientific discovery?
- Do the data include changes in processing methods, new standards or set any precedents?
- Do the data support current projects or trends in research?
- Are the data likely to meet the future needs/direction of the scientific community?
- Do the data contribute to a pre-existing collection?
- Is there potential for re-use of the data?
- Are the data likely to be cited or referenced in a publication?

Additional links

- <https://www.ukdataservice.ac.uk/manage-data/legal-ethical/consent-data-sharing/consent-forms>
- https://psydok.psycharchives.de/jspui/bitstream/20.500.11780/3773/1/Workshop_Marburg.pdf
- Schönbrodt, F., Gollwitzer, M., und Abele-Brehm, A. (2016). Der Umgang mit Forschungsdaten im Fach Psychologie: Konkretisierung der DFG. Leitlinien. Abgerufen von https://www.dgps.de/fileadmin/documents/Empfehlungen/Richtlinien_zum_Umgang_mit_Forschungsdaten_20160929.pdf



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Thank you

Contact:

researchdata@unibas.ch