

Open Science Coffee Lectures



Publishing Data

Dr. Evamaria Krause

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Why publish research data?

- You meet third party requirements (e.g., of your institution, research funder, publisher, ...).
- Your research gains transparency and replicability.
- Your scientific reputation increases.
- New collaborations and autorships may emerge.
- Your research data are findable and reusable for future research, avoiding duplicate efforts and unnecessary costs.
- Your data can be re-used in teaching.







Where to publish research data?

- Option 1: Supplement to a scientific article
- Option 2: Publication in a research data repository

- Types of research data repositories:
 - Multidisciplinary repositories
 - Subject-specific repositories, directory: <u>re3data.org</u>
 - Institutional repositories
- Research data centres









Where to publish research data?

- Option 3: Data journals
 - Data journals publish articles that describe data sets.
 - The data itself is usually published in an external repository.
 - Data journals may have peer review and bibliometric indicators.
 - List of common <u>data journals</u>

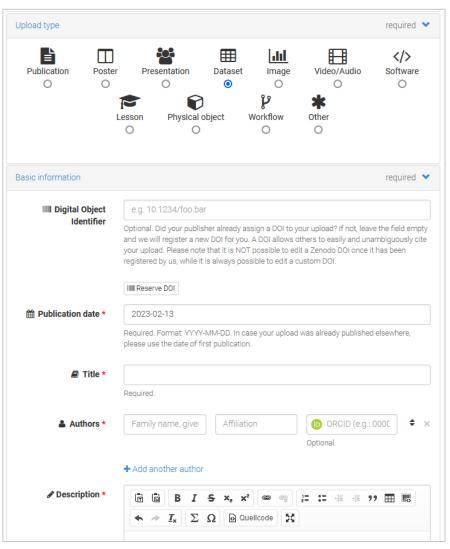






How to publish data in a research data repository?

- Describe data with metadata (titel, author, subject, abstract,...).
- Decide on level of access (embargo period, access restrictions, license,...).
- Upload data.
- Depending on the reposity: data curators process metadata and research data.
- Persistent link to the dataset is generated.
- Dataset (or its metadata) is published.







How to choose a data publication strategy?

- What is your motivation to publish research data?
- What are the external requirements?
- What data do you want to publish?
- What standards exist in your field?
- How much time can you invest in preparing data for publication?
- What is important to you when publishing data?
 - Embargo period
 - Open licence for re-use
 - Access restrictions and re-use conditions
 - Data curation







University Library Services

- Local research data management (RDM) team at the University Library.
- We offer advice and support on:
 - external subject-specific RDM services
 - data management plans for funding applications
 - publishing and re-using research data



https://www.uni-augsburg.de/bibliothek/fdm/

forschungsdaten@bibliothek.uni-augsburg.de





Research data management Dr. Evamaria Krause (0821) 598 - 3473

forschungsdaten@bibliothek.uni-augsburg.de





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