

Open Science Live Meet-Up

Workshop 5 - A2-201

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ERUA Summit, November 8th 2022



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Contents:

1. Introduction to Open Science
2. Where do we stand?
3. What do you do in Open Science? What do you need?
4. How can we meet these needs?
5. What does that tell us about the community?
6. Closing remarks and finish



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Introduction to Open Science

“Open science is the idea that scientific knowledge of all kinds should be openly shared as early as is practical in the discovery process.”

Michael Nielsen,
Quantum physicist

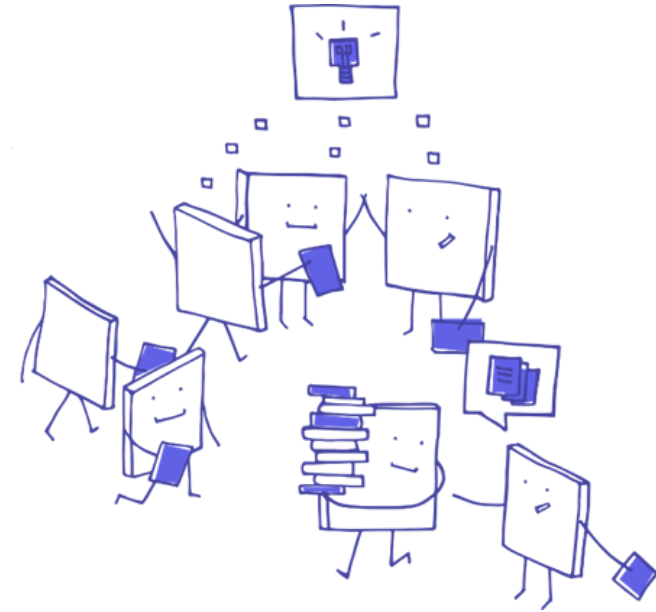


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**...bundles [...] strategies and procedures,
all of which aim to [...] to make all
components of the scientific process [...]
openly accessible and reusable.**

Mission Statement of the German-speaking Open Science AG (own translation)



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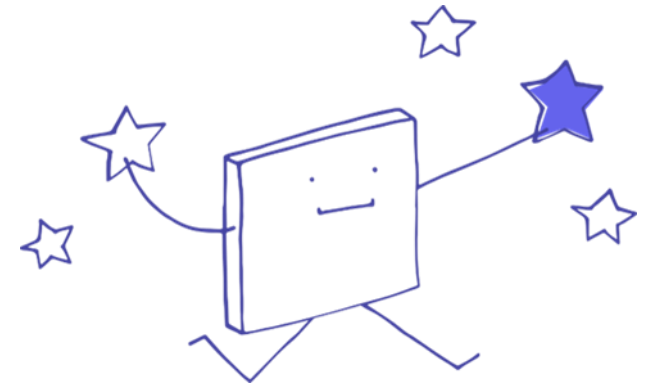
Elements (1/2)

- **Open Access**

Unrestricted and free access to scientific publications

- **Open Educational Resources**

Create, find and use free and open materials for education and teaching in universities, colleges and schools.

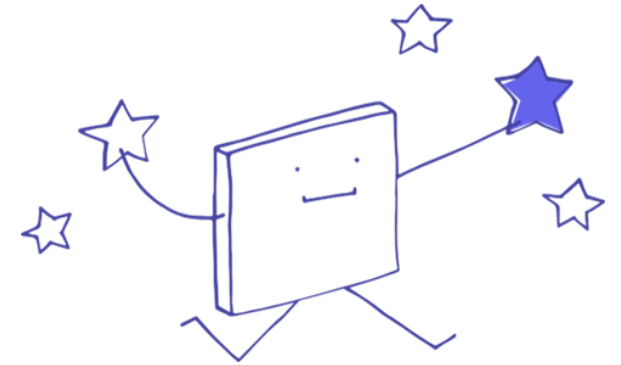


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Elements (2/2)

- **Open Data and Research Data Management**
Systematic collection, management, processing, analysis, annotation, storage, archiving and reusable publication of all data from the research process.
- **Open Source**
Use open source technology (software and hardware) and open and provide own technologies
- **Citizen Science and Science Communication**
Presenting the results of science and research to the public, actively involving the public in science and research.



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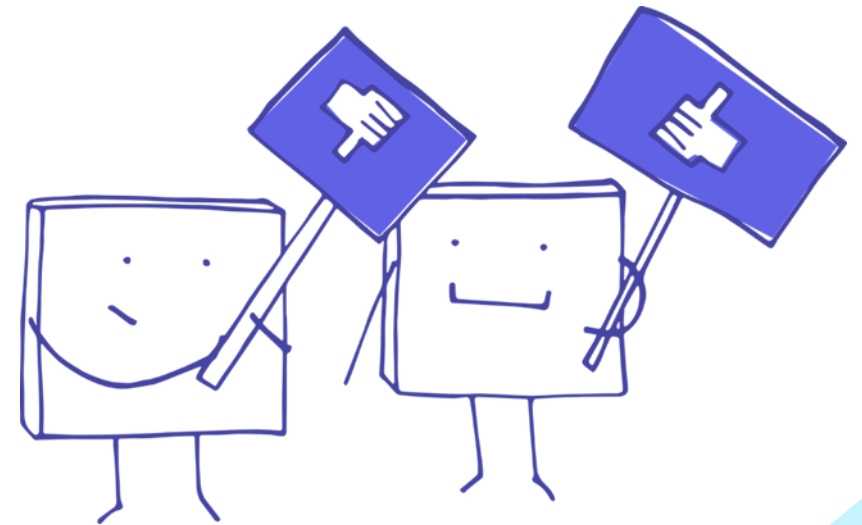


Why Should I do that?

It is more work for me!

Why should others benefit from my work?

I want to publish and get cited!



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Benefits for Research and Teaching

Visibility: Impact factor is not everything

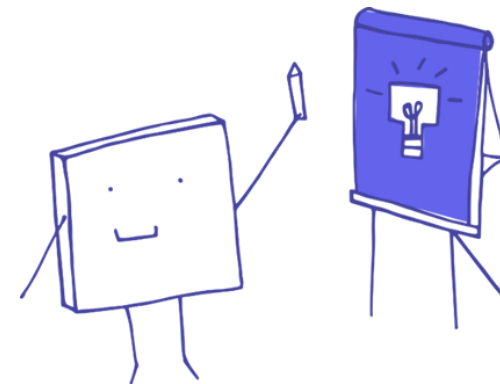
Data sets can also be cited, visibility is generally increased, more hits through freely available publication

Reusability: New insights through give and take

Reused scientific data and results lead to new insights, reuse and profit is always possible itself

Increased efficiency

Management of data and open and transparent workflows facilitate one's own research and strengthen one's own work

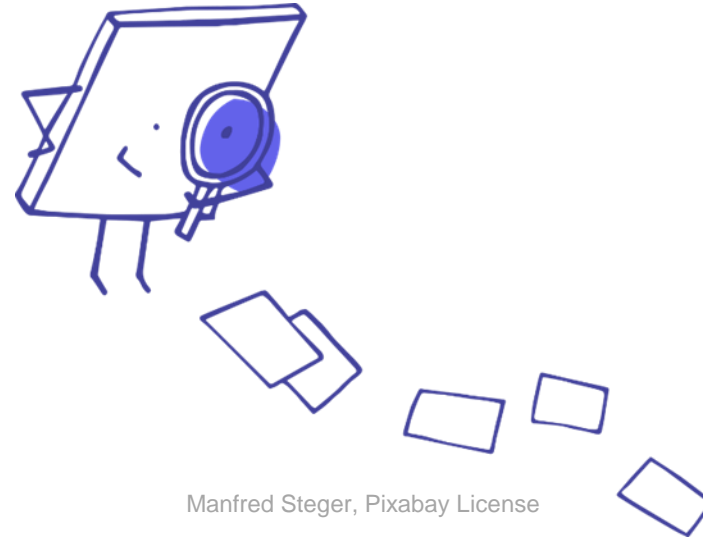


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Basic Principles

- Transparency
- Reproducibility
- Reusability
- Open communication



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Are there any questions? Any aspects/elements of Open Science missing?

Position Line

How involved are you in Open Science?



What do you do in Open Science?

What do you do in Open Science?

Which elements of Open Science are in your life?

Please write down **how you are/want to be involved in Open Science** and **what you still lack/need** in that context. One sheet per aspect, please.

Example:

Element/aspect of Open Science in your life
What do you lack/still need?

Please put them on the whiteboard.

How can we meet those needs?

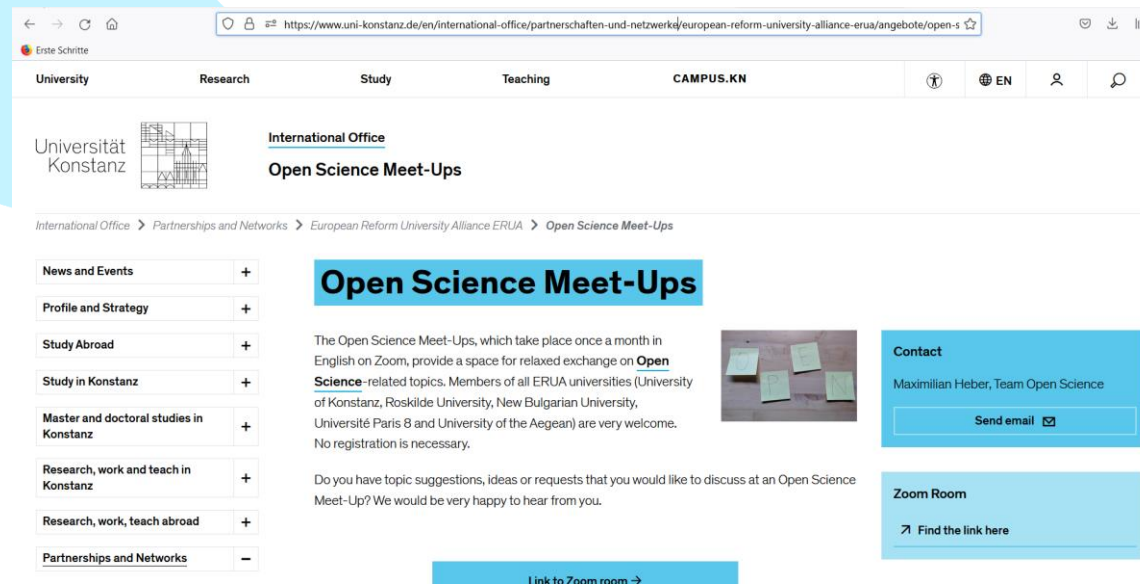
We cluster the elements and needs and see **what we can do to remedy the needs.** → “+” if we have the remedy available and “-“ if we do not.

2. Finding ties.



Let's discuss these elements in greater detail

We offer a series of monthly Open Science Meet-Ups.



The screenshot shows a web browser displaying the University of Konstanz website. The URL is <https://www.uni-konstanz.de/en/international-office/partnerschaften-und-netzwerk/european-reform-university-alliance-erua/angebote/open-s>. The page features a navigation menu with 'University', 'Research', 'Study', 'Teaching', and 'CAMPUS.KN'. The main content area is titled 'International Office' and 'Open Science Meet-Ups'. A sidebar on the left contains a list of menu items with expand/collapse icons. The main content includes a description of the meet-ups, a contact section with a 'Send email' button, and a 'Zoom Room' section with a 'Find the link here' button. A 'Link to Zoom room' button is also visible at the bottom of the main content area.

Erste Schritte

University Research Study Teaching CAMPUS.KN

Universität Konstanz International Office

Open Science Meet-Ups

International Office > Partnerships and Networks > European Reform University Alliance ERUA > Open Science Meet-Ups

News and Events +

Profile and Strategy +

Study Abroad +

Study in Konstanz +

Master and doctoral studies in Konstanz +

Research, work and teach in Konstanz +

Research, work, teach abroad +

Partnerships and Networks -

Open Science Meet-Ups

The Open Science Meet-Ups, which take place once a month in English on Zoom, provide a space for relaxed exchange on **Open Science**-related topics. Members of all ERUA universities (University of Konstanz, Roskilde University, New Bulgarian University, Université Paris 8 and University of the Aegean) are very welcome. No registration is necessary.

Do you have topic suggestions, ideas or requests that you would like to discuss at an Open Science Meet-Up? We would be very happy to hear from you.

Contact

Maximilian Heber, Team Open Science

Send email ✉

Zoom Room

Find the link here ↗

Link to Zoom room →

Which aspects would you like to discuss in greater detail in one of the next meet-ups?

Offer and Related Links

Open Science



ERUA Open Science Course

Individual advice upon request
Your local contact point

Information platform
open-access.network

More information
forschungsdaten.info

On Zenodo

<https://doi.org/10.5281/zenodo.7256909>



Thank you very much!

Maximilian Heber & Dr. Goran Sekulovski
ERUA Summit, November 2022

Please feel free to e-mail us anytime:

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