HELMHOLTZ
Open Science

56TH ONLINE-SEMINAR

Open Access Publishing for Early Career Researchers at Helmholtz

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Helmholtz Association – Helmholtz Open Science Office

WWW, October 20, 2020, from 4:00 p.m. to 5:00 p.m. CEST

OVERVIEW

- Introduction

    - What is Open Access publishing?

- How to publish Open Access at Helmholtz?
    - Use Case: cumulative dissertation

- Open Discussion
    - Questions: live and from the cryptpad

- Wrap-Up
    - Further reading

If you have concrete publishing plans, please contact the library of your centre.

ORGANIZATION

- The online-seminar will <u>not be recorded</u>.

- The **slides** and a **factsheet** will be shared after the online seminar on our website **www.os.helmholtz.de**.

- Questions can be posed in the Q&A-tool.

- We want to learn about you! There will be polls during the talks.

WHAT IS OPEN ACCESS PUBLISHING?

OPEN ACCESS & OPEN SCIENCE

- „Open science, the **unrestricted access to scientific publications and cultural heritage**, is an ongoing and future trend in the scientific landscape worldwide."
  Helmholtz Open Science Office

- „…endeavour to make results of their work **publicly accessible for sharing** with science, industry and society without any barriers" –
  Open Access Policy of the Helmholtz Association, 2016

- **Key aspects** of Open Science

  - Open Access

  - Open Research Data

  - Open Research Software
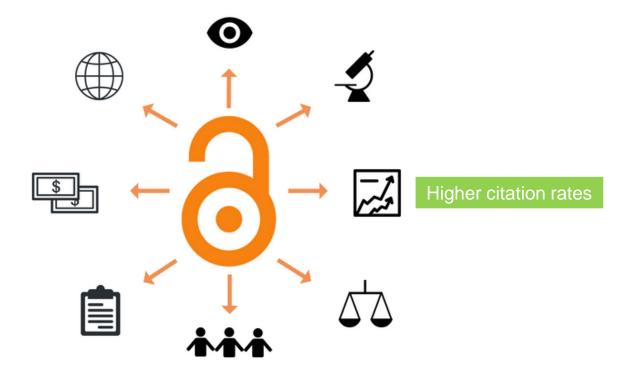
WHAT BRINGS US HERE TODAY

- Berlin Declaration on **Open Access to Knowledge in the Sciences and Humanities**
    - Helmholtz Association among the founding signatures in 2003
    - Further information

- **Helmholtz Open Science Office** / Arbeitskreis Open Science

- **International Open Access Week**
    - Theme 2020: Open with Purpose:Taking Action to Build Structural Equity and Inclusion
    - Further information

International OPEN ACCESS WEEK

BENEFITS

Exposure

This work, Open Access Benfits, is a derivative of open access by CORE Admin, which is a derivative of Benefits of Open Access by Danny Kingsley & Sarah Brown, used under CC BY 4.0 International. Open Access Benfits is licensed under CC BY 4.0 International

BENEFITS

Applicabilty for practitioners

BENEFITS

Higher citation rates

BENEFITS

Increased influence

BENEFITS

Public accessability

BENEFITS

Compliance with funding/grant rules

BENEFITS

Transparent for taxpayers

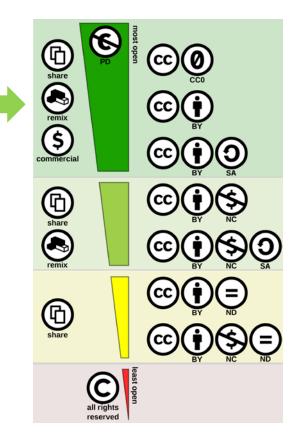# BENEFITS

Encourages cooperation

TYPES OF OPEN ACCESS

Creative Commons Licenses

- free, easy-to-use copyright licenses

- Standard to define how scientific work can be shared, used and cited

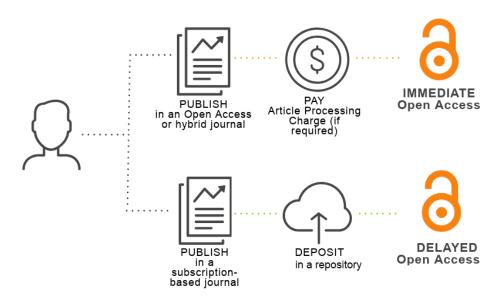- **Recommendation: CC BY 4.0**

- More: www.creativecommons.org/

TYPES OF OPEN ACCESS

Time

- Immediate or Gold OA

- Delayed/Embargoed or Green OA

- More:

    - www.os.helmholtz.de

    - www.open-access.net

GOLD OA

PUBLISH
in an Open Access
or hybrid journal

PAY
Article Processing
Charge (if
required)

IMMEDIATE
Open Access

PUBLISH
in a
subscription-
based journal

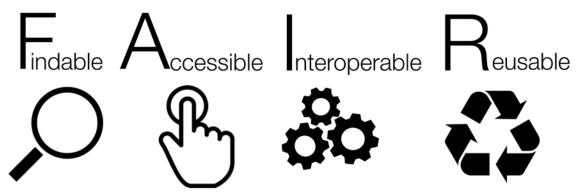DEPOSIT
in a repository

DELAYED
Open Access

GREEN OA

By The Waikato University; adaption by Antonia Schrader, CC BY, https://www.waikato.ac.nz/library/guidance/guides/open-access-information

FAIR PRINCIPLES OF FOR RESEARCH PRODUCTS

- set of guiding principles to make data

F indable   A ccessible   I nteroperable   R eusable

- More: www.go-fair.org/fair-principles/

PERSISTENT IDENTIFIER

- To meet the criteria *findable* of the FAIR-principles **PIDs** are essential.

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- **D**igital **O**bject **I**dentifier

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- **D**igital **O**bject **I**dentifier

- Persistent and uniquely Identification of objects

- **O**pen **R**esearcher and **C**ontributor **iD**

- unique digital identifier for researchers and contributors

- Get an ORCID iD: www.orcid.org/register

QUALITY ASSURANCE

- FAQs concerning *predatory publishing*
    - More information

- **Checklist** to help you evaluate a journal or publication outlet:
    - Think. Check. Submit.

Are you submitting your research to a trusted journal or publisher? Is it the right journal or book for your work?

Use our check list to assess the journal or publisher

Only if you can answer 'yes' to the questions on our check list

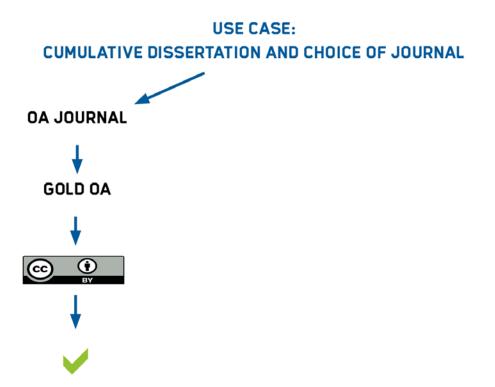By Think. Check. Submit.; CC BY 4.0, https://thinkchecksubmit.org/

HOW TO PUBLISH OPEN ACCESS AT HELMHOLTZ?

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- Open Access Policy of the Helmholtz Association, 2016.

    - **60 % of publications** of Helmholtz already published in Open Access for the publication year 2018 (analysis conducted in 2020).
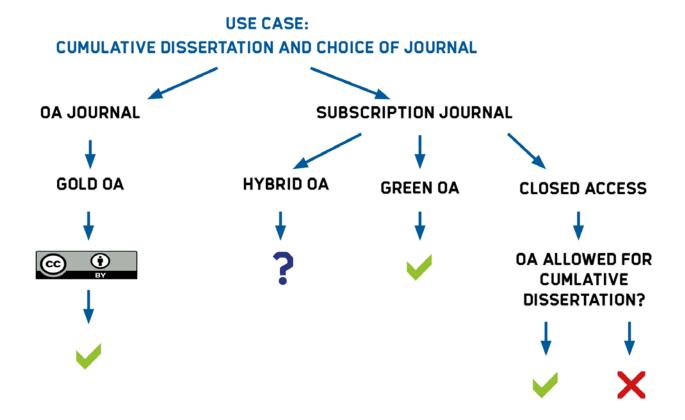
- Position paper on the management of research data:
  Making information resources more usable, 2016. > Publish your data citable!

- Further support from the libraries in your respective centre.

HOW TO PUBLISH OPEN ACCESS AT HELMHOLTZ?

- What is going to be published?

  - journal article, cumulative dissertation, …

  - But also: research data, research software!

- open-access.net: Open Access in individual disciplines

HOW TO PUBLISH OPEN ACCESS AT HELMHOLTZ?

USE CASE:
CUMULATIVE DISSERTATION AND CHOICE OF JOURNAL

OA JOURNAL

GOLD OA

CC BY

HOW TO PUBLISH OPEN ACCESS AT HELMHOLTZ?

USE CASE:
CUMULATIVE DISSERTATION AND CHOICE OF JOURNAL

OA JOURNAL → GOLD OA → CC BY → ✔

SUBSCRIPTION JOURNAL:
- HYBRID OA → ?
- GREEN OA → ✔
- CLOSED ACCESS → OA ALLOWED FOR CUMLATIVE DISSERTATION? → ✔ / ✘

FUNDING OPTIONS

- Open Access **funding options**

  - Open Access funds in the centre

  - Third-party funding

  - Current offer to publish and read as part of Projekt DEAL

  - Further contracts with publishers

  - Kriterien zum Umgang mit
    Open-Access-Publikationsgebühren
    (Please note: document in German only).

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▪ Copernicus Publications
▪ Frontiers
▪ MDPI
▪ PLOS
▪ Springer Open – now part of DEAL
▪ Wiley Open Access – now part of DEAL

KEEP IN TOUCH AND STAY INFORMED

- Mail – open-science@helmholtz.de or
  contact the **library** of your centre

- Website – www.os.helmholtz.de

- Make sure to sign up for our Open Science Newsletter

- Mailing list – Helmholtz Open Science Professionals

- Twitter – @helmholtz_os

- Make use of the Helpdesk provided by OA-network

OPEN DISCUSSION

HELMHOLTZ
Open Science

MANY THANKS FOR YOUR PARTICIPATION

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http://os.helmholtz.de

APPENDIX

HOW OPEN IS IT?

Access	Reader Rights	Reuse Rights	Copyrights	Author Posting Rights	Automatic Posting	Machine Readability	Access
OPEN ACCESS	Free readership rights to all articles immediately upon publication	Generous reuse & remixing rights (e.g., CC BY license)	Author holds copyright with no restrictions	Author may post any version to any repository or website	Journals make copies of articles automatically available in trusted third-party repositories (e.g., PubMed Central) immediately upon publication	Article full text, metadata, citations, & data, including supplementary data, provided in community machine-readable standard formats through a community standard API or protocol	OPEN ACCESS
	Free readership rights to all articles after an embargo of no more than 6 months	Reuse, remixing, & further building upon the work subject to certain restrictions & conditions (e.g., CC BY-NC & CC BY-SA licenses)	Author holds copyright, with some restrictions on author reuse of published version	Author may post final version of the peer-reviewed manuscript ("postprint") to any repository or website	Journals make copies of articles automatically available in trusted third-party repositories (e.g., PubMed Central) within 6 months	Article full text, metadata, citations, & data, including supplementary data, may be crawled or accessed through a community standard API or protocol	
	Free readership rights to all articles after an embargo greater than 6 months	Reuse (no remixing or further building upon the work) subject to certain restrictions and conditions (e.g., CC BY-ND license)	Publisher holds copyright, with some allowances for author and reader reuse of published version	Author may post final version of the peer-reviewed manuscript ("postprint") to certain repositories or websites	Journals make copies of articles automatically available in trusted third-party repositories (e.g., PubMed Central) within 12 months	Article full text, metadata, & citations may be crawled or accessed without special permission or registration	
	Free and immediate readership rights to some, but not all, articles (including "hybrid" models)	_____	Publisher holds copyright, with some allowances for author reuse of published version	Author may post submitted version/draft of final work ("preprint") to certain repositories or websites	_____	Article full text, metadata, & citations may be crawled or accessed with permission	
CLOSED ACCESS	Subscription, membership, pay-per-view, or other fees required to read all articles	No reuse rights beyond fair use/ limitations & exceptions to copyright (all rights reserved copyright) to read	Publisher holds copyright, with no author reuse of published version beyond fair use	Author may not deposit any versions to repositories or websites	No automatic posting in third-party repositories	Article full text & metadata not available in machine-readable format	CLOSED ACCESS

LITERATURE

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