

27.09.2021 Open Access Tage

Collaborative Open Access Publishing A Field Report

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TB LEIBNIZ-INFORMATIONSZENTRUM TECHNIK UND NATURWISSENSCHAFTEN UNIVERSITÄTSBIBLIOTHEK



Outline

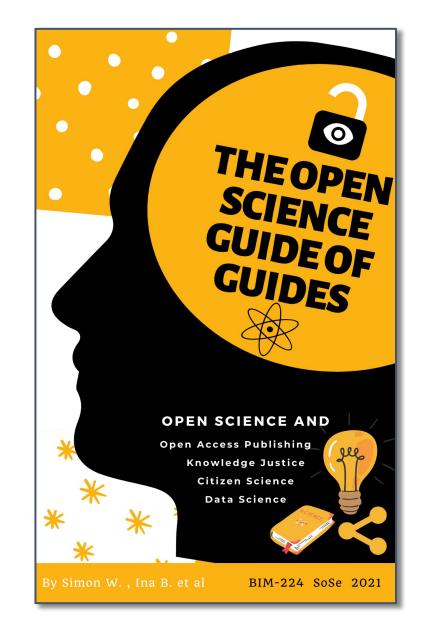
- Introduction and course concept
- Publication
- Software pipeline
- Tasks—literature survey, collaborative authoring, output to GitHub, styling, and publishing
- Challenges
- Learning outcome & reflection

Course concept

- Introduction to selection of topics in Open Science, get to know the subjects, but also see types of guides used by organisations deal with the subjects.
- Not high barrier in terms of research and authoring, more a taste of a 'research literature review'.
- Touch on systems that are out there used for OA Publishing: software, platforms, standards, PIDS, and licences, etc.

Publication (Tasks)

- Book: The Open Science Guide of Guides
- Collect guides on 4 topics: Knowledge Justice, Data Science, Citizen Science, Open Access
- Collaboratively author online a short review on each guide
- Collaboratively design for multi-format output
- Collaboratively publishing with a DOI <u>10.5281/zenodo.4740163</u>

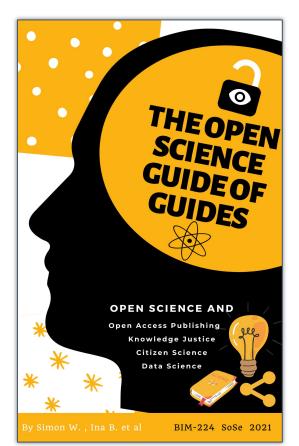


Publication -Single source to multi-format

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Source / GitHub

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	About the Book			
The Open Science Guide	Foreword			
The open science dube	Open Science and Knowledge Justice	7		
of Guides	Equity vs. Equality: What's the Difference?	. 8		
of Guides	Knowledge Justice: Disrupting Library and Information Studies through Critical Race Theory	10		
	Gender in OPEN SCIENCE & OPEN INNOVATION.	12		
	Practical Guide to Improving Gender Equality in Research Organizations			
		15		
	Open Science and Open Access Publishing Open Access Publishing_			
Knowledge justice, Open Access	Von Open Access zu Open Science: Zum Wandel digitaler Kulturen der wissenschaftlichen Kommunikation	19		
Publishing, Data Science, and Citizen Science	Understanding Open Access. When, vitry, & how to make your work openly accessible	21		
	Open Access publizieren – Fragen & Antworten.			
von HsH. BIM-224, Open Knowledge, summer	Open-Access-Publikationsworkflow for akademische Bücher			
term 2021, Blümel	Bibliography.			
	Open Science and Data Science.			
	Research Data Management Guide			
	Perspectives on open science and scientific data sharing	. 29		
	Support Your Data.			
	Recommendations for open data science.			
		32		
	Open Science and Citizen Science.	33		
		34		
	Choosing and Using Cilizen Science - A guide to when and how to use cilizen science to monitor biodiversity and the environment			
	Cuide to Citizen Science - developing, implementing and evaluating citizen science to study biodiversity and the environment in the UK	37		
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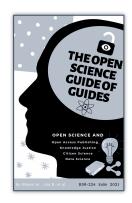
 Market Status

 The science

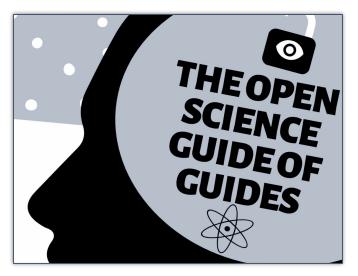
 The science

Print-on-demand

BIM-224 SoS



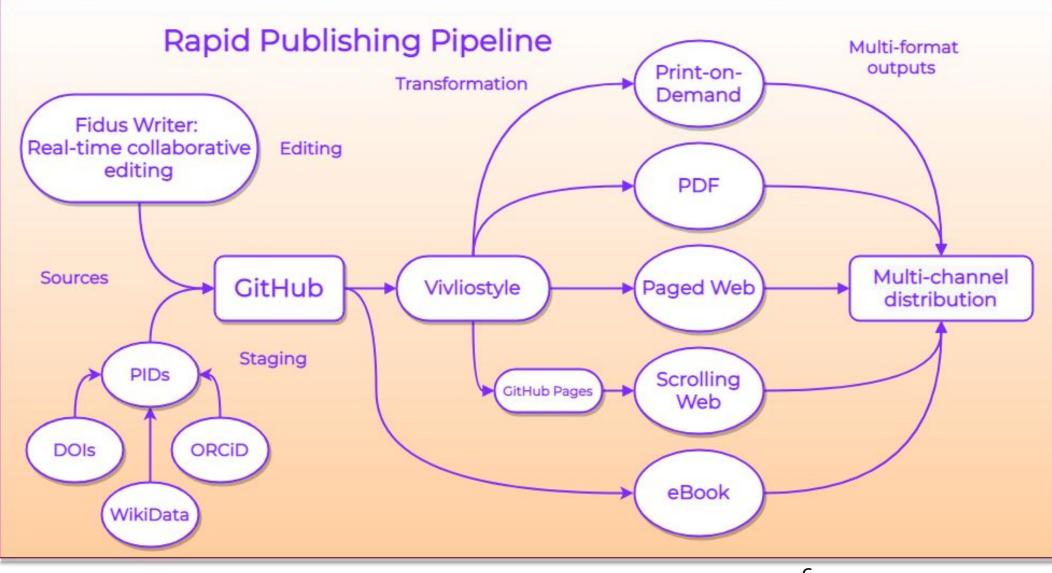
eBook



Scrolling Web



Software / Pipeline - Beta



Software / Pipeline - Beta

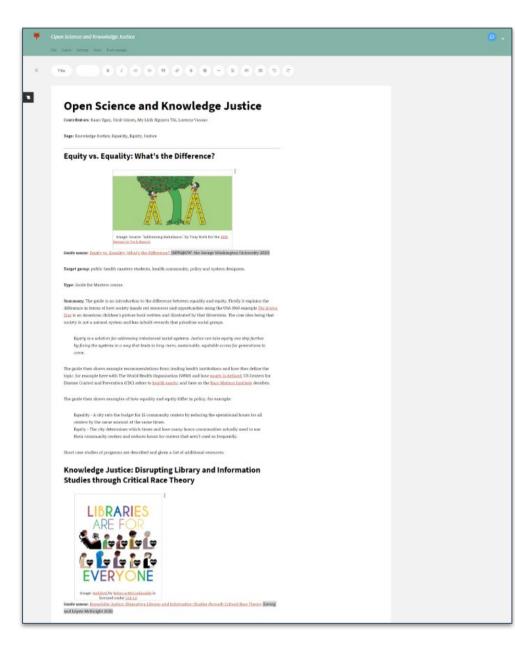
- Development on GitHub 'ADA Semantic Publishing' https://github.com/TIBHannover/ADA-semantic-publishing
- Use GitHub / GitHub Pages to combine platforms
- Starting with Fidus Writer (collaborative authoring) and Vivliostyle (CSS Typesetting and Heuristic Typesetting)



Systems we interacted with (used) out on web

- Fidus Writer online collaborative authoring
- Vivlio Style CSS Typesetting
- Zotero Citation management
- GitHub versioning, making a commit, GitHub pages, etc
- ORCID creating ID as authors, using on GitHub
- Zenodo depositing publication, minting a DOI

- General: Liked to have resources in advance go through (important in Corona setting)
- Collaborative writing helpful to see the others work while writing own part, so you know your on the right track



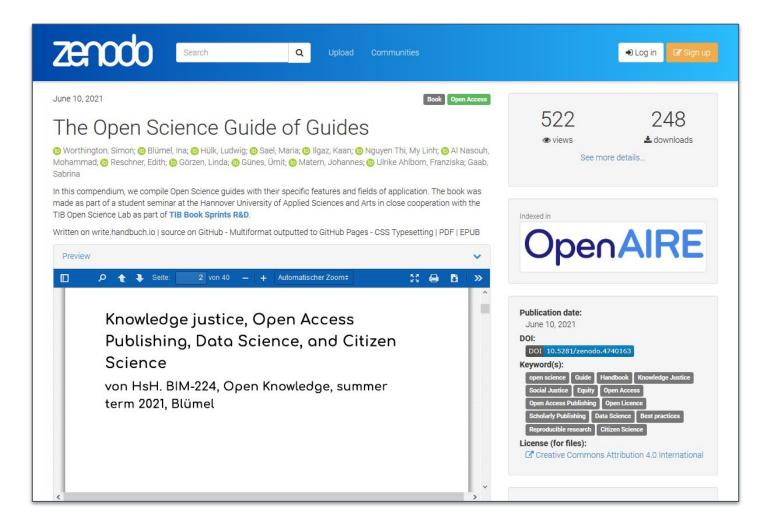
- Challenge to pick the "right" guide – is a guide scientific of not?
- Zotero super open-source alternative to Citavi, tag and organize references, use it until now
- Citation Style (Citation Styles Language)

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- Learn about GitHub versioning, etc. – learning about collaborative working, creating branches, guides provided by Simon
- Design and CSS nice to improve that and compare design and decide together about the best one

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- Did not know at all that publishing a book is that easy
- Zenodo, getting DOI and publishing, great responsibility
- Good to have an ORCID now



Reflection on Publishing

- By looking at existing OA publications and how they have published—license, PIDs, etc—get a feel of how to improve a publication visibility with OA and Open Science.
- Open Access publishing Good publications not making use of OA and Open Science publishing good practice.
 - Examples: MIT <u>*Knowledge Justice*</u> CC BY NC ND: <u>Gender Action</u> reports not using DOIs, OA licence, and only PDF.
 - Licence and reuse; Review, feedback, post publication review;
 Basic PIDs and metadata; Only using locked in formats, etc.
- Writing in public and collaboration seeing the benefits of this way of writing as opposed to vulnerability of early exposure.

What did we miss? Next steps

- PID graph / Using DataCite Commons
 - Funders not applicable
 - Organisations HsH, TIB (RORs)
 - People students and contributors DOIs, CRediT and tenzing
 - Datasets data out of Zotero stored as Zenodo
- Record publication on WikiData
- Software citation



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