

Emerging trends in Open Access publishing

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Outline

- Hot topics in the changing landscape
- New trends in traditional scholarly communication?
- Innovative approaches
- Training tips







Hot topics in the changing landscape of scholarly communication

- Is the current concept of scholarly articles outdated?
- Is the current concept of scholarly journals outdated?
- The future of peer review?
- Are we using the full potential of the digital environment?





Bibliodiversity

"cultural diversity applied to the world of books"

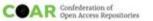
preserving diversity in scholarly communication
greater diversity of products (books, scripts, eBooks,
apps, and oral literature) made available to readers
scholarly communication as an ecosystem resting on:

- multilingualism
- open and shared infrastructures and services
- · the diversity of business models in OA publishing
- · quality-based research assessment.

Shearer, Kathleen, Chan, Leslie, Kuchma, Iryna, & Mounier, Pierre. (2020). Fostering Bibliodiversity in Scholarly Communications: A Call for Action. Zenodo. https://doi.org/10.5281/zenodo.3752923









Fostering Bibliodiversity in Scholarly Communications – A Call for Action!

Today, my colleagues and I are issuing a "Call for Action!"

Fostering Bibliodiversity in Scholarly Communications A Call for Action!

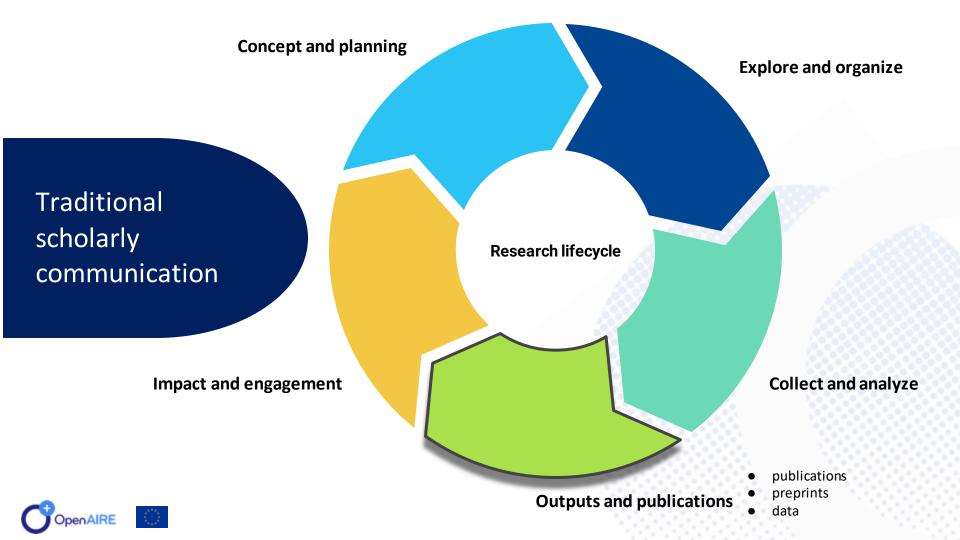


READ THE FULL PAPER

We are calling on the community to make concerted efforts to develop strong, community-governed infrastructures that support diversity in scholarly communications (referred to as bibliodiversity).

Diversity is an essential characteristic of an optimal scholarly communications system. Diversity in services and platforms, funding mechanisms, and evaluation measures will allow the research communications to accommodate the different

workflows, languages, publication outputs, and research topics that support the needs and epistemic pluralism of different research communities. In addition, diversity



Diamond / Platinum / Non-APC / No-fee

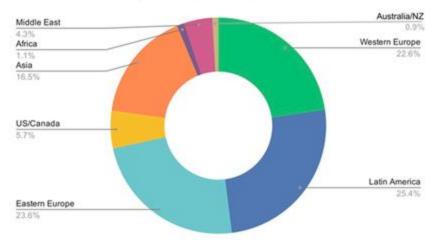
- An old concept revisited in a new light
- Authors, institutions, or funders do not pay an Open Access Fee and readers does not pay to read.
- Diversity of no-fee Open Access Publishing Models (collaborative funding, community/voluntary basis, grants, endowments, library funding, institutional funding)
- More common in some parts of the world
- Sustainability as a challenge



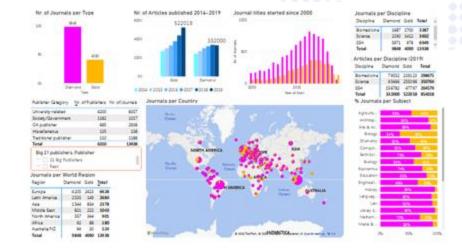


Diamond OA is a more common model is some parts of the world





Source: Bosman, Jeroen, Frantsvåg, Jan Erik, Kramer, Bianca, Langlais, Pierre-Carl, & Proudman, Vanessa. (2021). OA Diamond Journals Study. Part 1: Findings. Zenodo. https://doi.org/10.5281/zenodo.4558704 Creative Commons Attribution 4.0 International

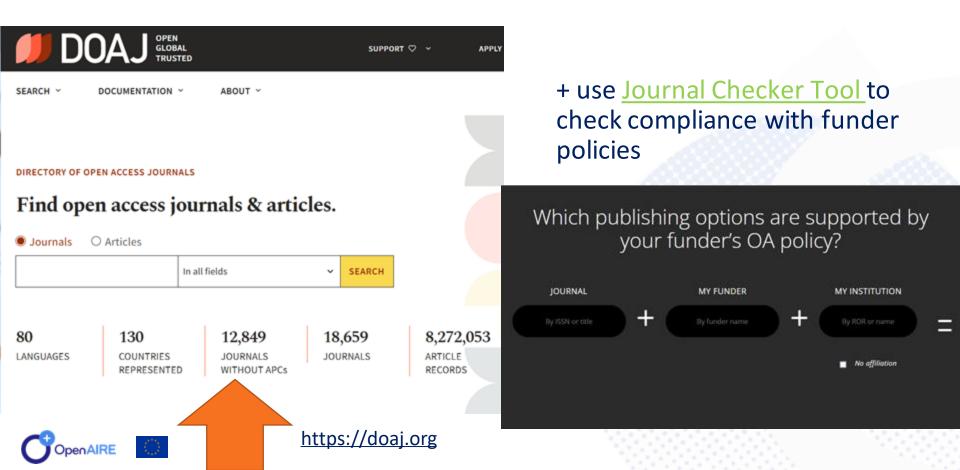


Gold and Diamond open access journals landscape: Dashboard (based on DOAJ data)

Source: 'Gold and Diamond Open Access Journals Landscape'. 2020. Research Consulting (blog). 22 September 2020. https://www.research-consulting.com/an-interactive-look-at-the-gold-and-diamond-journals-landscape/.



Finding Diamond / Platinum / Non-APC / No-fee OA journals



OpenAIRE workshop on Cooperative and Non-APC models, 2019 (2020)



- Library publishing programmes
- Institutional support and third-party funding
- National collaborative funding and publishing
- International collaborative funding and publishing
- Collaborative publication support services

Aasheim, Jens H., Schirrwagen, Jochen, Kuchma, Iryna, Franck, Gwen, Hermans, Emilie, Rettberg, Najla, & Steiner, Tobias. (2020). D6.2 – Best Practice Guide for Co-Operative Models of Publishing. Zenodo.

https://doi.org/10.5281/zenodo.3701428



The OA Diamond Journals Study, 2021



Bos man, Jeroen, Frantsvåg, Jan Erik, Kramer, Bianca, Langlais, Pierre-Carl, & Proudman, Vanessa. (2021). OA Dia mond Journals Study. Part 1: Findings. Zenodo. https://doi.org/10.5281/zenodo.4558704

Becerril, Arianna, Bosman, Jeroen, Bjørnshauge, Lars, Frantsvåg, Jan Erik, Kramer, Bianca, Langlais, Pierre-Carl, Mounier, Pierre, Proudman, Vanessa, Redhead, Claire, & Torny, Didier. (2021). OA Diamond Journals Study. Part 2: Recommendations. Zenodo.

https://doi.org/10.5281/zenodo.4562790

- A large-scale study on Open Access journals across the world commissioned by <u>cOAlition S</u>
- Findings:
 - many relatively small journals serving diverse communities
 - on the road to full compliance with Plan S
 - A mix of scientific strengths and operational challenges
 - An economy that largely depends on volunteers, universities and government

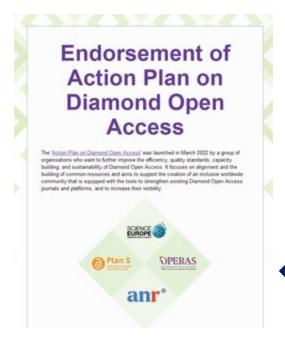
Recommendations:

- Streamline technical support
- Ensure compliance with Plan S
- Build capacity
- Increase effectiveness
- Sustain and invest in the future



Action Plan for Diamond Open Access & Diamond Open Access Conference (2022)

Ancion, Zoé, Borrell-Damián, Lidia, Mounier, Pierre, Rooryck, Johan, & Saenen, Bregt. (2022). Action Plan for Diamond Open Access. Zenodo. https://doi.org/10.5281/zenodo.6282403



Diamond OA conference was organized by Science Europe in September 2022. More details and presentations:

https://www.scienceeurope.org/events/diamond-oa-conference/

Endorse the plan: https://surveys.scienceeurop e.org/index.php/241774



Projects



DIAMAS - Developing
 Institutional Open Access

 Publishing Models to Advance
 Scholarly Communication

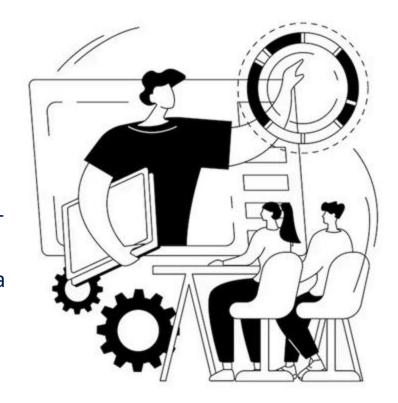
CRAFT-OA

<u>Creating a Robust Accessible</u>
 <u>Federated Technology for Open</u>
 <u>Access</u>



Training focuses

- Explain publishing options and the diversity of no-fee publishing models
- Show how to find Diamond OA journals
- Dispel myths about the prevalence of the APCbased OA
- Be aware of the new developments in the area





Open Access books

- Not a new topic but there are still many issues yet to be resolved (platforms, text formats, handling footnotes, parsing references and tracking citations, etc.)
- Diversity of business models
- Sustainability

Initiatives and projects

- Open Access Books Network
- Business Models for Open Access Books
- Błaszczyńska et al. (2023). Collaborative models for OA book publishers (2.0).
 Zenodo. https://doi.org/10.5281/zenodo.7780754
- Project PALOMERA <u>Policy Alignment of Open Access Monographs in the European Research Area</u>



Training focuses

- Explain publishing options and OA book publishing models
- Dispel myths about OA books
- Promote book publishing platforms such as <u>OAPEN</u> and discovery services, e.g. <u>DOAB</u>
- Be aware of the new developments in the area

Resources: Open Access Books Network

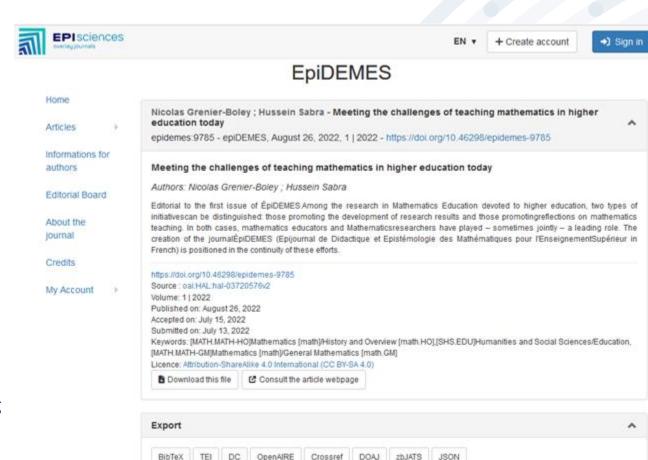


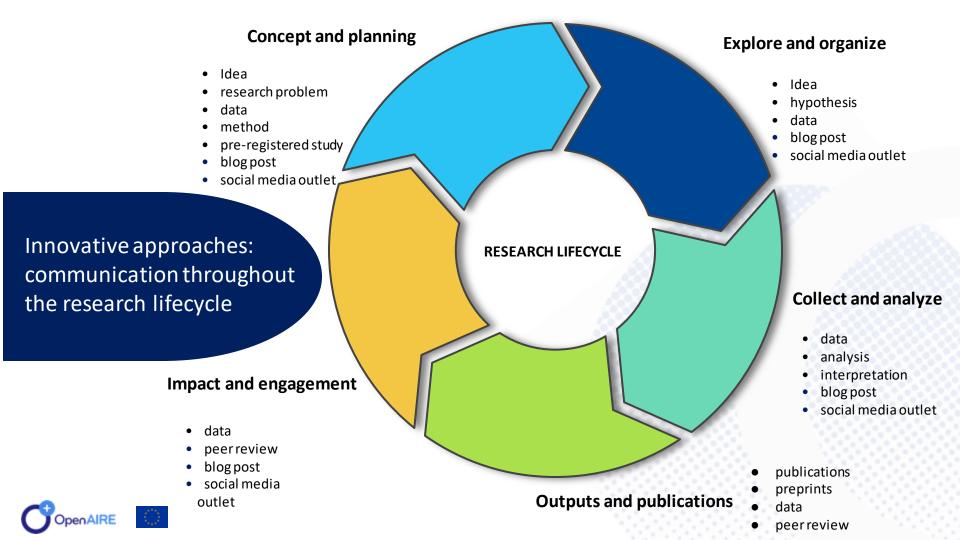
Overlay journals

"An overlay journal is an open access, quality-assured journal whose articles are held in one or more repositories. An overlay journal does not host the articles on the journal's website but links back to the relevant article in an open repository or preprint server."

COAR https://www.coar-repositories.org/overlay-journals/

<u>EPIsciences</u> (a platform hosting overlay journals)





Workflows

Innovations in scholarly communication, https://101innovations.wordpress.com/

Bianca Kramer & Jeroen Bosman, 400+ <u>Tools and innovations in scholarly communication (2015, updated in 2017)</u>

Combinations of tools in hypothetical workflows: https://101innovations.wordpress.com/workflows/





Workflow as a research output

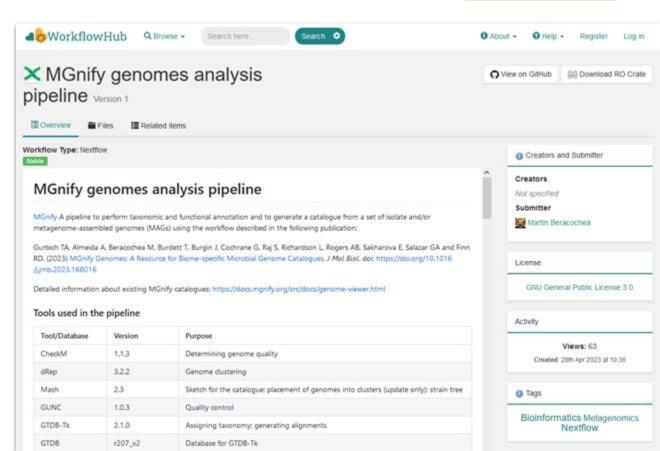
https://workflowhub.eu/

- "workflow describes a set of computational tasks and their relationships"
- "workflow management system or workflow engine is software in charge of executing and monitoring a workflow" (computational pipelines)
- "Registries are catalogues that can be queried manually or automatically to locate and obtain tools and workflows."

https://www.eosc-life.eu/toolsworkflows/





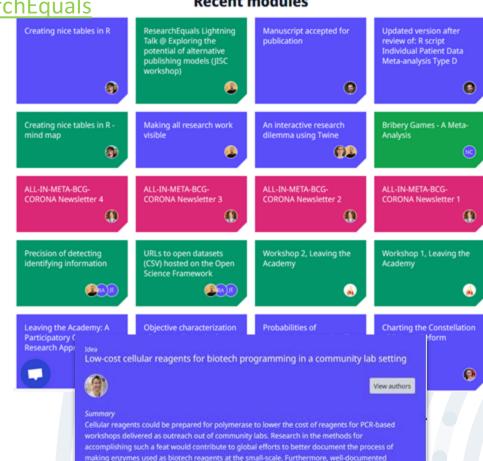


ResearchEquals

Recent modules

Modular publishing

- Platforms open by default (even "pay-toclose")
- Modular publishing
- Diversity of outputs (abstract, analysis, research problem, hypothesis, data, method, interpretation, peer review, etc.)
- Focus on the process (all steps made transparent)
- Collaborative



protocols would provide an opportunity for volunteers to participate in preparing the materials for PCR & Pizza. Ultimately this would serve to develop and highlight the capacity to create low-cost

enzyme reagents within community labs.

Octopus

Browse all publications



Publication type

Research Problem

Rationale / Hypothesis

Method

Results

Analysis

Interpretation

Real World Application

Peer Review

Latest publications

See the latest publications that have been uploaded to Octopus







Training focuses

- Explain how Open Science practices change scholarly communication
- Present various publishing options
- Compare the innovative approaches and platforms to the traditional publishing venues and practices
- Present tools

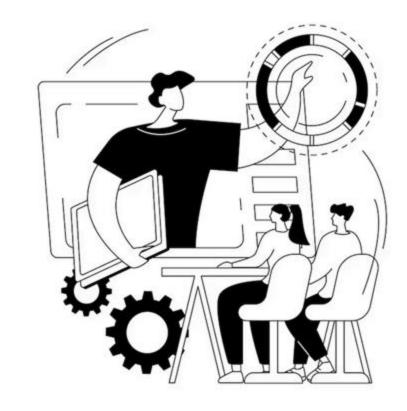




Image by vectorjuice on Freepik

Training tips

- Don't forget that the purpose of scholarly publishing should be scholarly communication (and not profit).
- Highlight and explain the diversity of publishing models.
- Uncover misconceptions.
- Present use cases.
- High-quality materials are available. Use them in you training!
- The topic is huge. Try not to cover all in one session.
- Be informed and cover new developments in you training!



