



DIAMAS

Developing Institutional Open Access
Publishing Models to Advance
Scholarly Communication

 **PUBIN**

Best Practices in Diamond Open Access



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Overview



- Quality in institutional Open Access publishing
- Capacity centre for knowledge exchange and collaborative tools
- Financial sustainability of institutional publishing
- Recommendations for institutional leaders, funders/sponsors and policy makers

DIAMAS Project

<https://diamasproject.eu/>

- Duration: 36 months
- Starting date: September 2022
- Horizon Europe funding
- Budget €3m
- Participants: 23 public service scholarly organizations from 12 European countries

Expected results

- The Extensible Quality Standard for Institutional Publishing (EQSIP)
- Financial sustainability recommendations
- Policy recommendations
- Capacity centre development
- Development of relevant tools



Quality in institutional Open Access publishing



Quality in scholarly publishing

- Who is entitled to define the concept of quality?
- Different perspectives and focuses:
 - funders - impact, Open Access
 - indexing databases - impact, interoperability
 - scholarly communities - editorial quality, research integrity
 - authors - impact, content, visibility, research integrity
 - readers - content, discoverability, impact

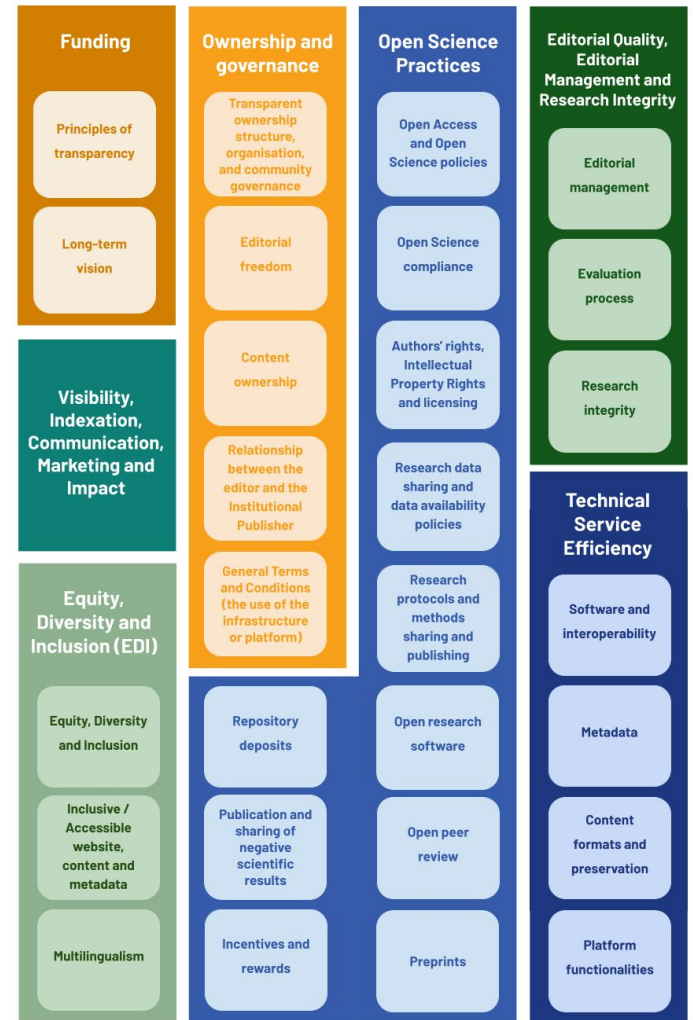
Challenges

- Most quality standards don't address OA institutional publishing specifically
- Proxies for quality (e.g. bibliometric indicators, publisher, the composition of editorial bodies)
- Limited resources available to institutional OA publishers
- Research assessment systems relying on quantitative indicators
- Myths
 - Impact measured by JIF = quality
 - Institutional OA publishers can never attain the functionalities offered by commercial publishers
 - Commercial publishers ensure better visibility
 - Indexing in Web of Science and Scopus ensure an optimal visibility in relevant research communities

Core components of scholarly publishing

1. Funding
2. Ownership and governance
3. Open Science Practices
4. Editorial Quality, Editorial Management and Research Integrity
5. Technical Service Efficiency
6. Visibility, Indexation, Communication, Marketing and Impact
7. Equity, Diversity and Inclusion (EDI): Multilingualism, Gender Equity

EQSIP 1.0



Best Practices checklist for Diamond OA publishers

Actions to take if the answer is "no"



Adopt/amend your policy/regulations/procedures document



Display the information on the publisher's website



Display the information at the output (journal/book) level



Establish a documented procedure/workflow



Take technical action

The first version of the Extensible Quality Standard for Institutional Publishing (EQSIP) is now being revised.

The final version to appear in 2024.



Do you have an archival, digital preservation policy and do you implement it? Is the published content deposited in a digital preservation service (e.g. LOCKSS, CLOCKSS, Portico)?

More information: 'E-Journals – Digital Preservation Handbook', n.d. Digital Preservation Coalition, Accessed 11 July 2023, <https://www.dpconline.org/handbook/content-specific-preservation/e-journals>.



Do you regularly review and update your policies and guidelines?



Do you have a mechanism for regular and objective evaluation of editor performance by the publisher based on predetermined and agreed-upon measures of success?



Do you clearly define reviewer roles and responsibilities? Do you provide a review framework to reviewers and do you publish it on the journal website with the process outline and evaluation criteria?



Do you have a mechanism of preventing manuscripts from being reviewed by a closed circle of people who are well acquainted with each other or work in the same institution?



Do you practise one of the forms of anonymised peer review or open peer review (including the potential disclosure of the identity of reviewers, publicly available reviews, or the ability for a broader community to participate in the review process) by at least two reviewers? Do you publish review reports? Do you have any other form of evaluation of submissions by more than one person, and is this transparently specified on your website?

Transparency

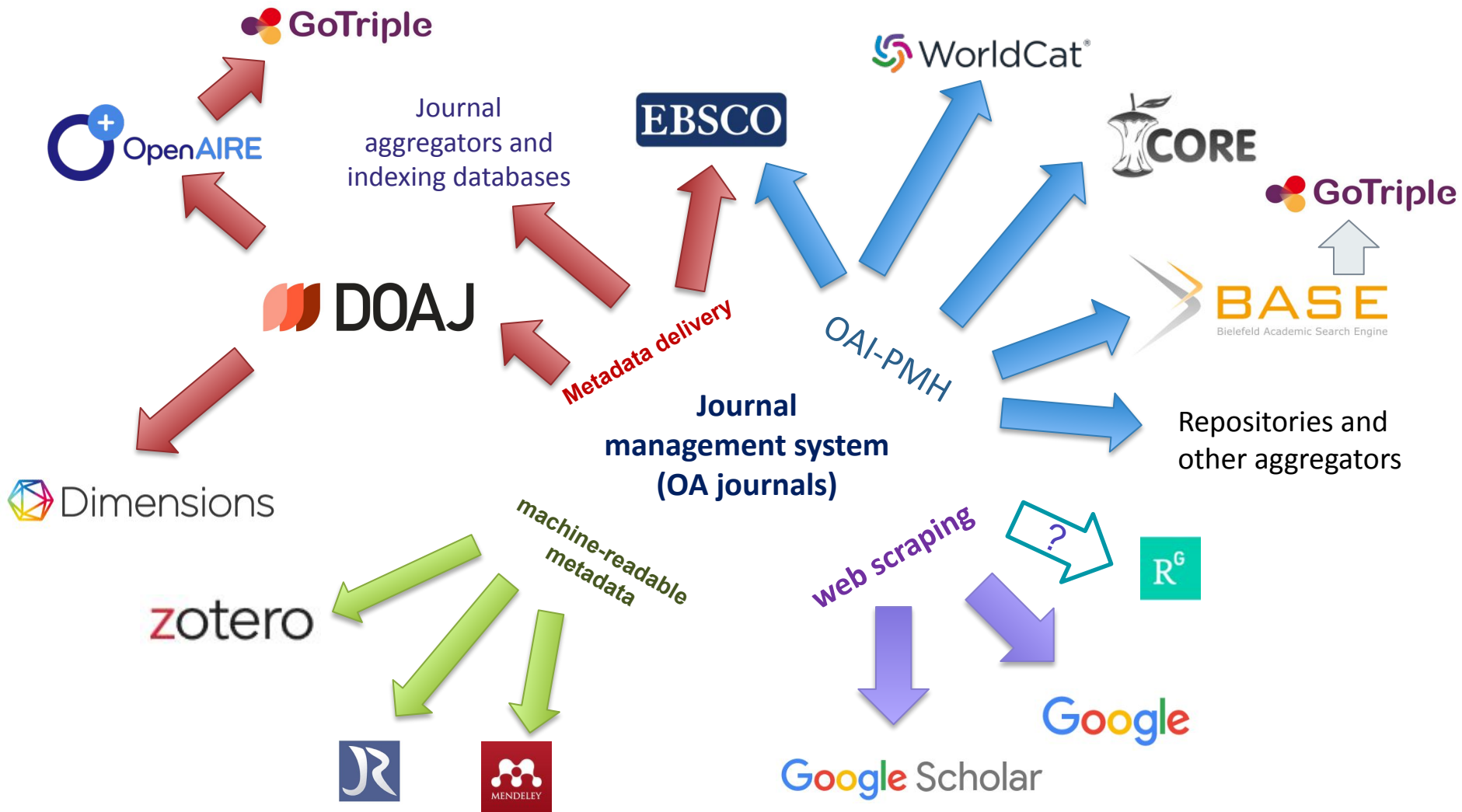
- Governance
- Business model and funding
- Policies (editorial workflows, peer review, post-publication discussions, complaints, copyright, etc.)(e.g. [policy template for Diamond OA journals](#))
- Peer review
- Quality assurance mechanisms (content)
- Dealing with complaints and misconduct
- Research data
- Research integrity
- Equity, diversity and inclusion

Interoperability

- Has a lot to do with the publishing platform
- Open-source solutions are available
- Open standards
- Persistent identifiers (DOI, ORCID, ROR)
- Metadata
- Protocols (e.g. OAI-PMH)
- Connecting with aggregators
- Search Engine Optimization
- Increased visibility

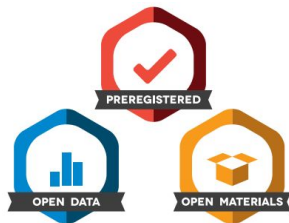
Maxwell, John W., Erik Hanson, Leena Desai, Carmen Tiampo, Kim O'Donnell, Avvai Ketheeswaran, Melody Sun, Emma Walter, and Ellen Michelle. 2019. Mind the Gap: A Landscape Analysis of Open Source Publishing Tools and Platforms. 1st ed. PubPub. <https://doi.org/10.21428/6bc8b38c.2e2f6c3f>.





Open Science practices

- Retaining rights
- Licences
- Preprints
- [Overlay journals](#)
- [Preregistration](#)
- Sharing research data
- Sharing software
- Open protocols and methods
- Open peer review
- Reproducibility



Open Peer Review

Approval Status ✓✓ (i)

	1	2
VERSION 2 (Revision) 11 Oct 23	✓ view	✓ view
VERSION 1 06 Feb 23	↑ ? view	↑ ? view

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Comments on this article

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I40C



The Effects of Operator Position and Superfluous Brackets on Student Performance in Simple Arithmetic

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Abstract

For students to advance beyond arithmetic, they must learn how to attend to the structure of math notation. This process can be challenging due to students' left-to-right computing tendencies. Brackets are used in mathematics to indicate precedence but can also be used as superfluous cues and perceptual grouping mechanisms in instructional materials to direct students' attention and facilitate accurate and efficient problem solving. This online study examines the impact of operator position and superfluous brackets on students' performance solving arithmetic problems. A total of 528 students completed a baseline assessment of math knowledge, then were randomly assigned to one of six conditions that varied in the placement of higher-order operator and the

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Ngo V., Perez Lacera L., Closser A. H., Ottmar E. (2022). *Dataset for: The effects of operator position and superfluous brackets on student performance in simple arithmetic* , [10.23668/psycharchives.12205](https://doi.org/10.23668/psycharchives.12205)

Ngo V., Perez Lacera L., Closser A. H., Ottmar E. (2022). *Code for: The effects of operator position and superfluous brackets on student performance in simple arithmetic* , [10.23668/psycharchives.12204](https://doi.org/10.23668/psycharchives.12204)

Ngo V., Perez Lacera L., Closser A. H., Ottmar E. (2022). *Parentheses study* , <https://osf.io/xnps6/>

Establishing an institutional Diamond OA journal

- Check the requirements for recognition as a scholarly journal set by relevant national bodies
- Institutional decisions: establishing a journal, appointing journal bodies
- Define your business model
- Recruit editorial and technical staff
- Inform potential authors and reviewers that you'll be starting a new journal



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- Examine publishing platform options (software-as-a-service or setting up an independent website, software to use, hosting, maintenance, back-up, technical support, costs)
- Contact the [national ISSN agency](#) to obtain the ISSN
- DOI-related arrangements (CrossRef membership or a local DOI agency)
- Contact the National Library to inquire about the legal deposit and archiving
- Check other digital preservation options and make arrangements for archiving

- Define editorial workflows
- Draft policies ([policy template for Diamond OA journals](#))
- Define monitoring mechanisms
- Set up the platform (or have it set up by a service provider) with interoperability in mind
- Train the editorial staff to use the platform
- Start recruiting content (e.g. calls for papers)

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- Make sure that there the journal is published regularly
- Connect your journal with aggregators (e.g. OpenAIRE) to make sure that the metadata are harvested
- Register the self-archiving policy with Sherpa Romeo
- Check the indexing requirements in aggregators and indexing databases (e.g. DOAJ) and apply for indexing
- Plan and implement dissemination activities

- Monitor journal operation
- Make sure that all relevant editorial documentation is properly archived
- Make sure that the publishing platform is regularly updated
- Review and update policies periodically to keep them aligned with the current best practice
- Keep your records up-to-date: inform relevant bodies and aggregators of all changes (publishing frequency, policies, etc.)

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- Plan for innovation
- Connect with relevant communities and organizations



**Capacity centre for knowledge
exchange and collaborative tools**



Knowledge-exchange hub

- Database/Registry of Institutional Publishers (IPs) and Institutional Publishing Service Providers (IPSPs)
- Forum
- Toolsuite

Useful resources and a virtual space

Vision: OA Capacity Hub - a virtual network of resources and regional/national Capacity Centers coordinated via a global federation for Diamond OA



What do you need and what would you like to see?

Knowledge-exchange hub





Financial sustainability of institutional publishing



Quality as a prerequisite/component of sustainability

“In the publishing context, what is the object or unit of sustainability? Should it be a journal, a publisher, a business model or a broader publishing ecosystem? And who holds the responsibility to sustain it? Is it a specifically defined stakeholder or a group of stakeholders?”

“**Shared infrastructures**, ideally, shoulder the burden of sustaining the system. This allows individual entities to focus on their present sustainability, such as producing new content and managing people and finances. As a result, the interoperability between shared infrastructures and individual entities, including contingency funds and procedures, gains unprecedented importance. **Building communities and networks** of individual entities (editors, publishers, service providers...) is another path to creating a resilient ecosystem.”

<https://diamasproject.eu/more-than-a-buzzword-sustainability-in-the-institutional-publishing-ecosystem>



Stable public funding stream for diamond OA





**Recommendations for institutional
leaders, funders/sponsors/donors
and policy makers on supporting
diamond OA**



← PREVIOUS

04
Dec.
2023

> Events

Co-Designing Diamond Open Access Recommendations and Guidelines for Research Funders, Sponsors, and Donors

Open Access

Open Science

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Science Europe is organising a co-design process to develop Diamond Open Access recommendations and

<https://scienceeurope.org/events/co-designing-diamond-oa-recommendations-and-guidelines>

The discussion on open science and the future of scholarly communication is increasingly focused on community-driven models that are equitable by nature and design. Political support for and public sector engagement in such models have both grown in recent years. One such model is 'Diamond' Open Access, wherein research outputs are openly available without charging fees to either authors or readers.

Science Europe is organising a co-design process to develop diamond open access recommendations and guidelines for research Funders, Sponsors, and Donors (FSDs). Sector initiatives are gathering momentum, including the 'Action Plan for Diamond Open Access' (Mar 2022), and calls grow louder from governments to develop not-for-profit scholarly publishing models in Europe. Against this background, this co-design process is a timely opportunity for FSD experts to come together and discuss how they can provide effective financial support for diamond open access.

This co-design process is being organised in the context of the Horizon Europe project 'Developing Institutional Open Access Publishing Models to Advance Scholarly Communication' (DIAMAS). Having identified the fragmentation of the diamond

open access ecosystem, this project aims to facilitate cohesion

Timeline

Aug 2023–Feb 2025

Co-design Diamond OA Recommendations and guidelines for research funders, sponsors, and donors

4 Dec 2023

● **Inception meeting**

Early 2024

● Co-design workshops

Late 2024

● High-level FSD leadership engagement event

Feb 2025

● Publication of co-designed diamond open access recommendations and guidelines for research





The Voice of Europe's Universities

Upcoming events

07 Dec 2023 | Webinar

Making the most of your EUA membership

12 Dec 2023 | Webinar

Measuring and enhancing student mobilities

14 Dec 2023 | Webinar

Institutional approaches to Rights Retention



Thank you!

Questions/Comments/Suggestions?

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