

webinar

**Publishing best practices and metadata:
Crossref essentials + DOAJ**

25

Crossref
CELEBRATING 25 YEARS

**November 13, 2025
2:30 PM IST**



25

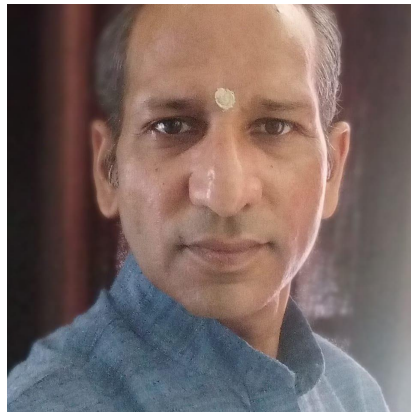
Crossref

CELEBRATING 25 YEARS



Introductions

Who is here today?



Dr. Sushil Kumar
Crossref Ambassador
in India



Maryna Kovalyova
Member Experience Manager
Membership team

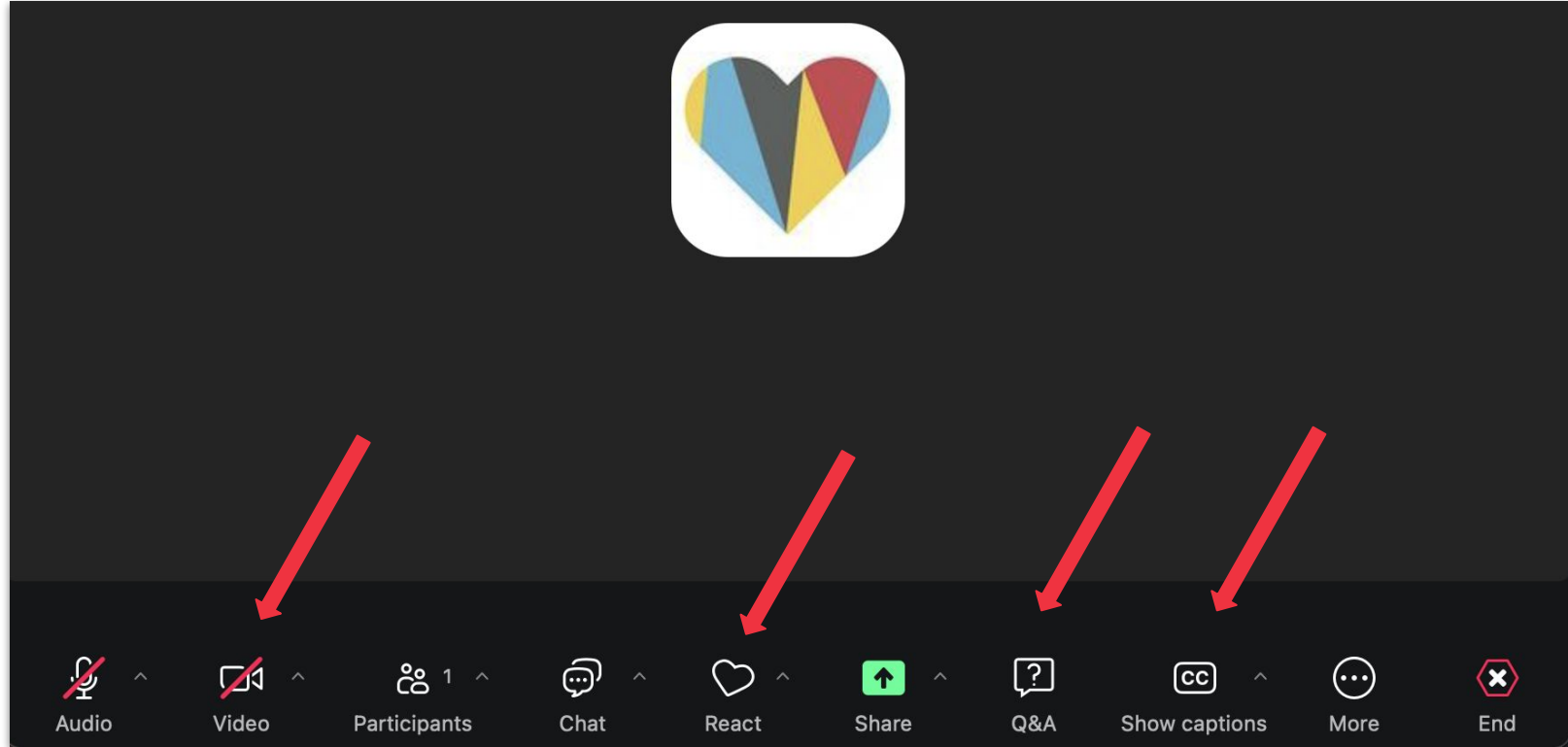


Dr. Vrushali Dandawate
DOAJ Senior Ambassador
Asia



Madhura Amdekar
Community Engagement
Manager

How to use zoom



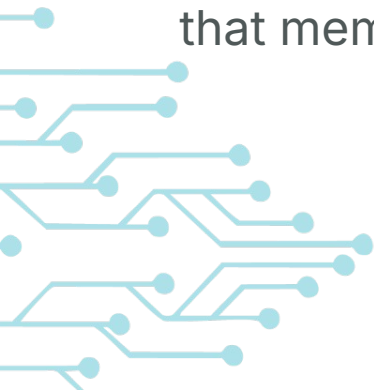


Crossref
CELEBRATING 25 YEARS

Beyond identifiers: the value of Crossref metadata

Agenda

- Crossref's mission and vision
- Crossref's role in the scholarly ecosystem
- What are DOIs and what they are used for
- What DOIs are not
- Metadata: what it is, and the importance of rich metadata for scholarly publishing
- Overview of the metadata elements and ways to enrich the metadata that members deposit.





25

Crossref

CELEBRATING 25 YEARS



Crossref mission and vision

Our mission:

Crossref makes research outputs easy to find, cite, link to, and reuse.

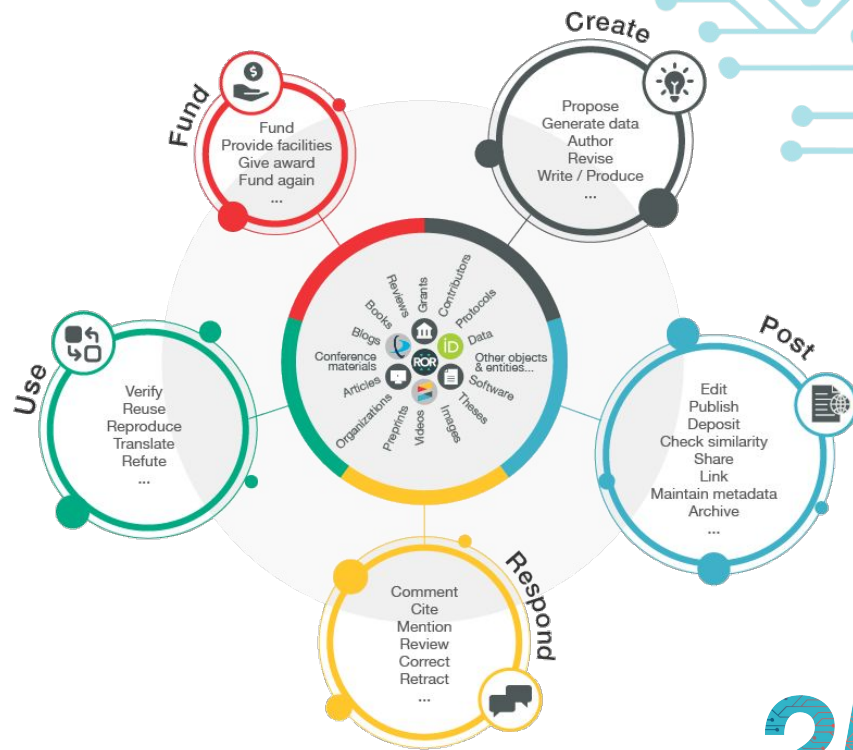
We are a nonprofit membership organization that exists to make scholarly communications better.



Our vision

...a rich and reusable open network of relationships connecting research organizations, people, things, and actions;

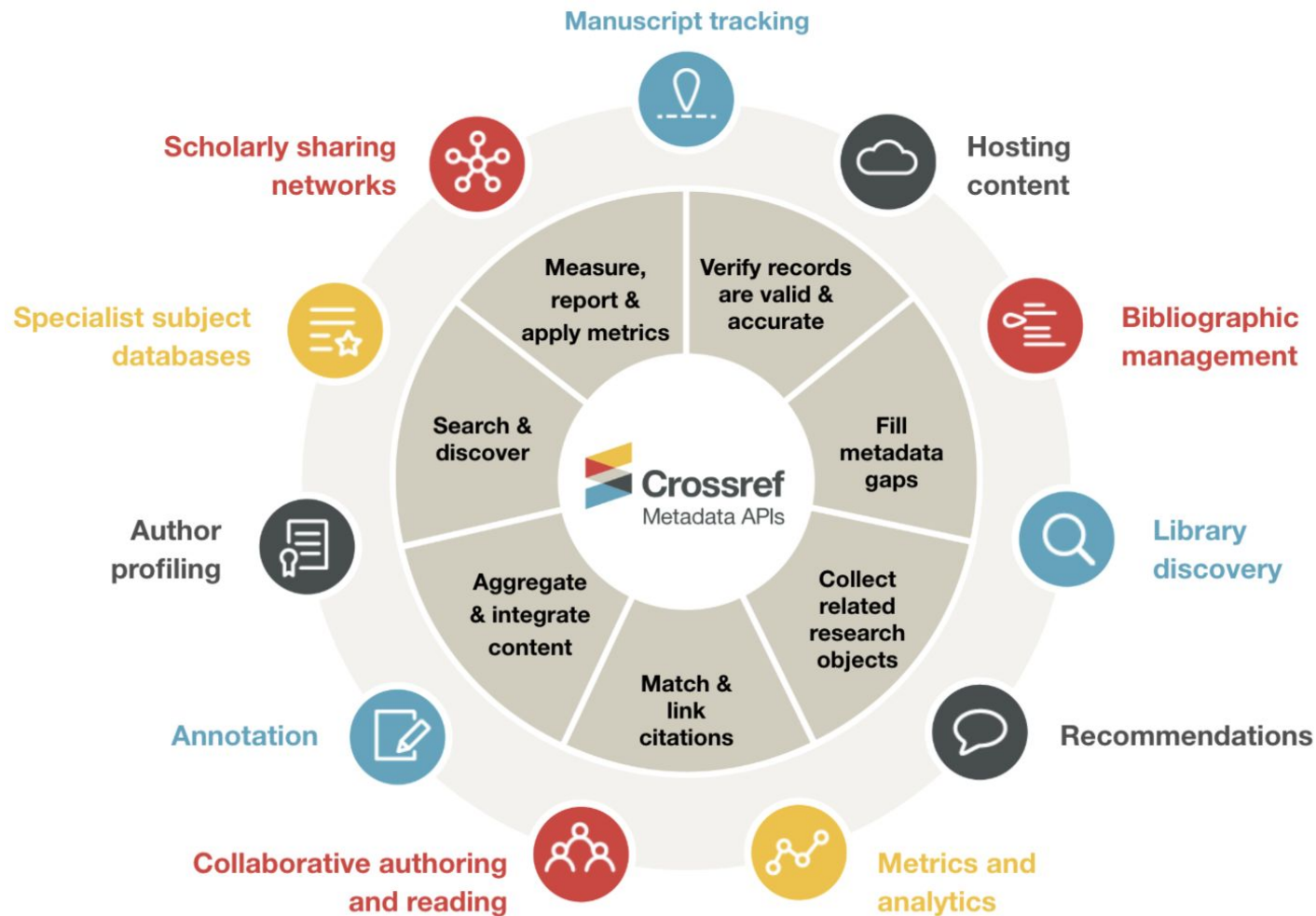
a scholarly record that the global community can build on forever, for the benefit of society."



How specifically do we do this?

- Organizations join Crossref and commit to membership terms.
- We provide them with a DOI prefix and they use it to create unique DOIs for each item they publish.
- Each DOI works as both a *locator* for that published item and a *container* for a record of metadata about that item.







Crossref
CELEBRATING 25 YEARS

DOIs (Digital Object Identifiers)

The structure of a DOI

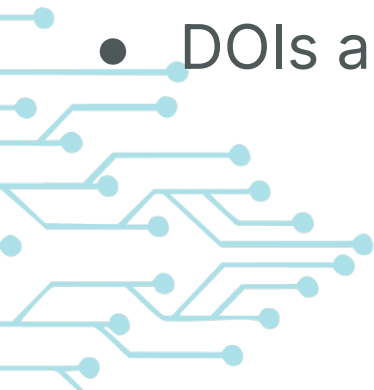
<https://doi.org/10.13003/nm25ism5>

- The DOI directory: makes the DOI actionable on the web
 - Prefix: assigned by Crossref
 - Suffix: assigned by the member
- Total DOI string = routes through the DOI resolver to point to the registered URL

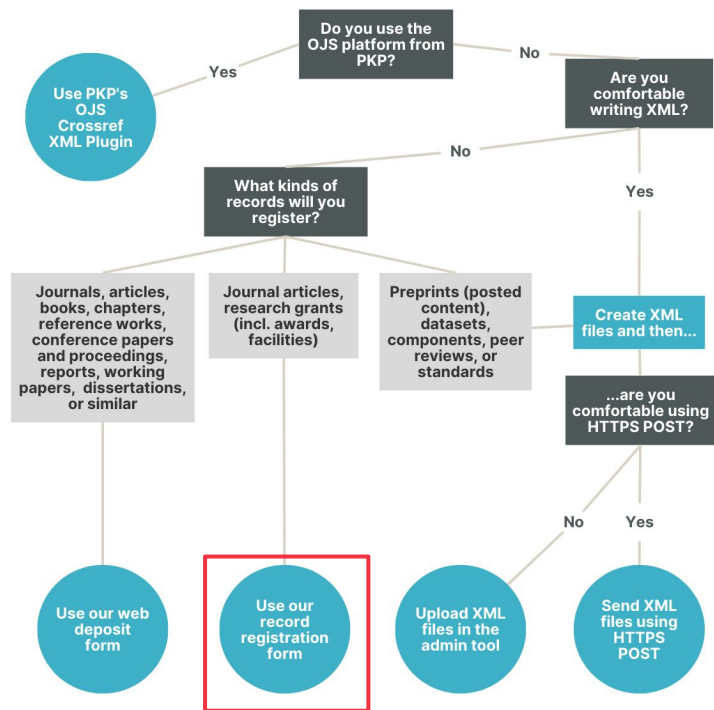


Registering a DOI

- Register the DOI (the prefix and your unique suffix)
- Register metadata about that item
 - The URL for the landing page for that item
 - Other metadata about that item - journal name, article title, authors, author affiliations.....
- DOIs as a locator
- DOIs as a metadata container



Content registration methods



A DOI is not...

- ✗ an identifier of who published the content
- ✗ a mark of quality
- ✗ a way to get indexed into a specific database
- ✗ magic (unfortunately!)





Crossref
CELEBRATING 25 YEARS

Metadata: what is it and why does it matter?

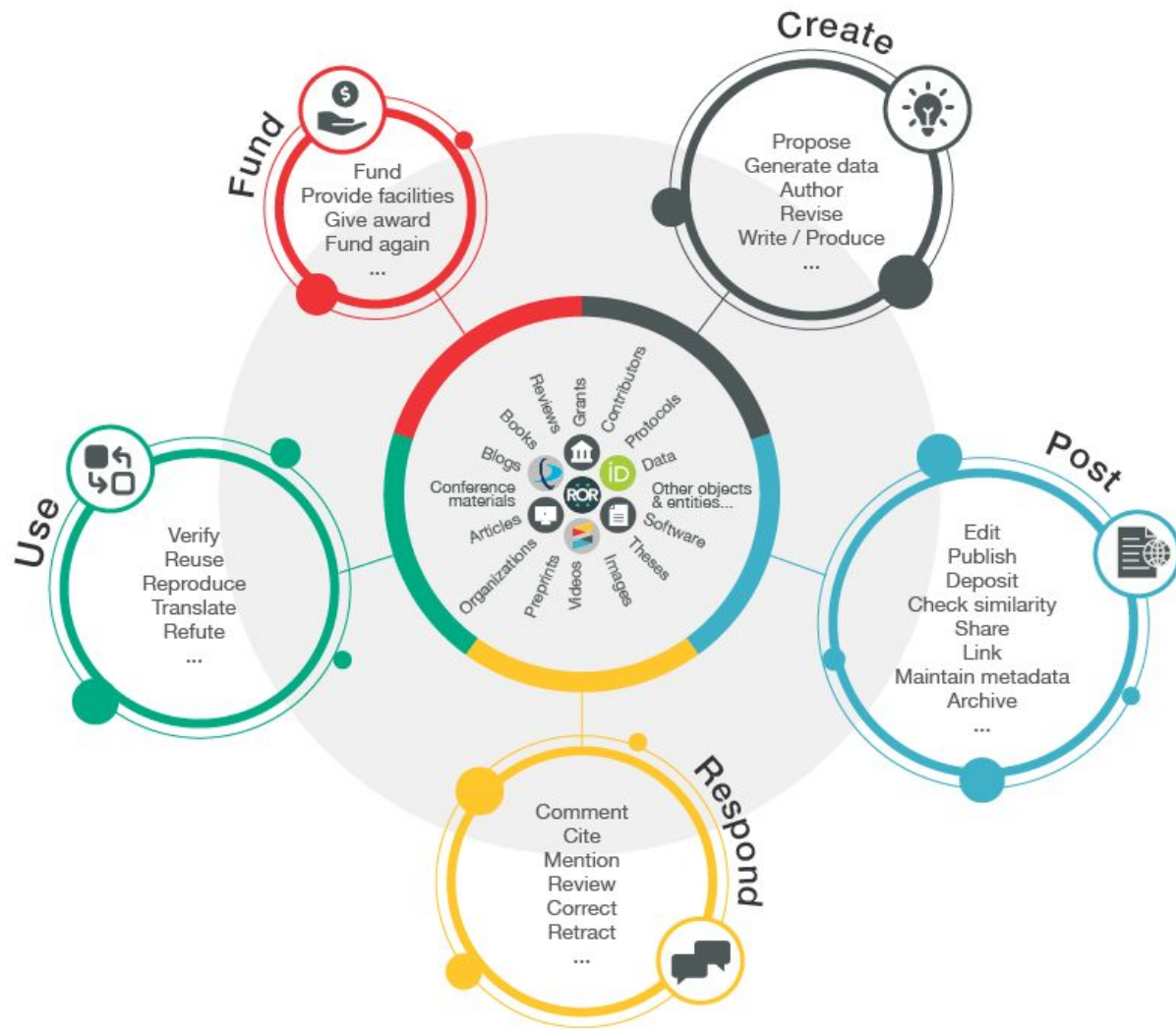
As a Crossref member you:

- Register unique DOIs for each item you publish
- Provide a rich metadata record alongside this record
- Display this DOI on a unique landing page for that published item
- Keep the metadata record associated with this DOI up-to-date



What metadata?

- **Basic:** titles, dates, author names, abstracts, DOI, location URL
- **Full-text URLs:** e.g. for text-mining and Similarity Check
- **Crossmark:** updates, retractions, corrections
- **Relationships:** versions, translations, data, references, citation
- **Provenance:** publisher/funder/steward information
- **Funding information:** Funder Registry ID, award numbers/Grant DOIs
- **Contributor & Affiliations:** ORCID iDs and ROR IDs preferred



RESEARCH NEXUS

Like others,

"we envision a rich and reusable open network of relationships connecting research organizations, people, things, and actions;

a scholarly record that the global community can build on forever, for the benefit of society."









Crossref
CELEBRATING 25 YEARS

Key elements to make your metadata rich

How good is your metadata?

Find a Crossref Member

indian

-  Indian Dairy Association
-  Indian Spectroscopy Society
-  Indian Ecological Society
-  Indian Botanical Society
-  Indian Veterinary Association
-  Indian Accounting Association

eLife Sciences Publications, Ltd

15,559

Total registered records

Richer metadata makes research usable.
Make sure your work can be found.

DOWNLOAD GAP REPORT

Select date

Current records



Journal

Search by title

Journal Articles: 6,994

Preprints: 8,565

References



Affiliations



Funding award numbers



License URLs



Abstracts



ROR IDs



Crossmark enabled



Similarity Check URLs



ORCID iDs



Funder Registry IDs



Text-mining URLs



Search by member

Participation Reports



eLife Sciences Publications, Ltd

15,559

Total registered records

Richer metadata makes research usable.

Make sure your work can be found.

DOWNLOAD GAP REPORT

Select date
Current records



Journal
Search by

- ✓ All time
- Current content
- Back file

Journal Articles: 6,994

Preprints: 8,565

References



Affiliations



Funding award numbers



License URLs



Abstracts



ROR IDs



Crossmark enabled



Similarity Check URLs



ORCID iDs



Funder Registry IDs



Text-mining URLs



Participation Reports



eLife Sciences Publications, Ltd

15,559

Total registered records

Richer metadata makes research usable.
Make sure your work can be found.

DOWNLOAD GAP REPORT

Select date

Current records



Journal Articles: 6,994

Preprints: 8,565

References



Affiliations



Funding award numbers



Similarity Check URLs



Abstracts



ROR IDs



Text-mining URLs



ORCID iDs



Funder Registry IDs



License URLs



eLife Sciences Publications, Ltd

15,559

Total registered records

Richer metadata makes research usable.
Make sure your work can be found.

DOWNLOAD GAP REPORT

Select date
Current records

i

Journal

Search by title

Journal Articles: 6,994

Preprints: 8,565

References

i



Affiliations

i



Funding award numbers

i



License URLs

i



Abstracts

i



ROR IDs

i



Crossmark enabled

i



Similarity Check URLs

i



ORCID iDs

i



Funder Registry IDs

i



Text-mining URLs

i



i

Journal of Computer Science and Cybernetics
Vietnam Journal of Mechanics
Vietnam Journal of Earth Sciences
Vietnam Journal of Science and Technology
Vietnam Journal of Chemistry
Vietnam Journal of Biotechnology
ACADEMIA JOURNAL OF BIOLOGY

15,559

Total registered records

[DOWNLOAD GAP REPORT](#)

Select date

Current records ▾



Journal

Journal Articles: 6,994

Preprints: 8,565

References



Percentage of records that include reference lists in the metadata.

[Why is this important?](#)[Where can I learn more?](#)[How can I improve this score?](#)

Affiliations



ROR IDs



ORCID iDs



Funding award numbers



Crossmark enabled



Funder Registry IDs



Text-mining URLs



License URLs



Similarity Check URLs



15,559

Total registered records

DOWNLOAD GAP REPORT

Select date

Current records ▾



Journal

🔍 Search by title

Journal Articles: 6,994

Preprints: 8,565

References



Abstracts



ORCID iDs



Affiliations



ROR IDs



Funder Registry IDs



Funding award numbers



Crossmark enabled



Text-mining URLs



License URLs



Similarity Check URLs



15,559

Total registered records

Richer metadata makes research usable.

Make sure your work can be found.

DOWNLOAD GAP REPORT

Select date

Current records ▾



Journal

🔍 Search by title

Journal Articles: 6,994

Preprints: 8,565

References



Abstracts



ORCID iDs



Affiliations



ROR IDs



Funder Registry IDs



Funding award numbers



Crossmark enabled



Text-mining URLs



License URLs



Similarity Check URLs



How good is your metadata?

Find a Crossref Member

Search by member

Richer metadata makes research usable.

Make sure your work can be found.

LEARN MORE [↗](#)

<https://www.crossref.org/members/prep/>

Get help

- Read our documentation at www.crossref.org/documentation
- Visit our community forum at <https://community.crossref.org/>
- Contact the team directly: www.crossref.org/contact



Crossref
CELEBRATING 25 YEARS

Thank you!

DOAJ, Indexing Criteria, Best Publication Practices

Vrushali Dandawate
DOAJ Senior Ambassador Asia



What is the Directory of Open Access Journals?



About DOAJ - Directory of Open Access Journals

1

A unique and extensive index of diverse peer-reviewed open access journals.

2

Mission to raise profile, visibility and impact of all quality OA journals, globally regardless of discipline, geography or language.

About DOAJ - Directory of Open Access Journals

3

Our criteria are an unofficial gold standard for open access journal publishing, trusted across the scholarly community.

4

Our services and metadata are provided completely free of charge to all.



89

languages

140

countries

More than

22168

journals



Why index journals in DOAJ?



Demonstrate your journal meets good publishing standards



Attract more authors and readers locally and from around the world



Inclusion of Journals in local languages



Increase discoverability of your journal in search engines and indexing services



Enhance the reputation and societal impact of your journal (also in your country)



DOAJ index included in government lists like DHET(South Africa)

Basic criteria for scholarly journals to be included in DOAJ



Journal website

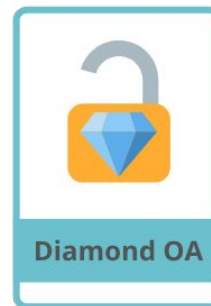
- **Dedicated journal URL** (Uniform Resource Locator)/domain name address/web address; secure website (https) recommended
- Each article available as a **standalone full-text page** (html or pdf) with its own unique URL
- **No intrusive advertising**
- **Language** across journal website must be **consistent** throughout. If in multiple languages, apply multiple languages consistently throughout

Journal must be fully open access

- No embargo/delay; no registration to access, read
- Open access statement or policy displayed on website
- Journal has implemented an open license (Creative Commons or equivalent)



Self-archiving in compliance with publisher's policy



Full, immediate OA publishing, without Article Processing Charge - APC



Full, immediate OA. Author pays an APC

Editorial Team

- Details of **Editor** (title, name, surname, affiliation/s, country)
- **Editorial Board** (with affiliations, countries)(normally ≥ 5 qualified members; appropriate qualifications and expertise. It is recommended that board members should not all come from the same institution)
- **Publisher name/address** (physical)(postal is optional)
- Link to **publisher website**
- **Journal contact person** and dedicated **journal email address**
- Publisher country on journal application and journal website must be where publisher is registered and carries out business activities

Aims/focus & scope

- Disciplinary focus, region/s
- Actively publish **scholarly research** (any field, language), aimed at **researchers and practitioners**
- Publishes **≥5 research articles per year**
- New/flipped journal titles: >1 year publishing history *or* ≥ 10 OA research articles consecutively published before applying

Editorial process/peer review

- Journals that display a list of **reviewers** must include their names and affiliations
- Journals must apply a **rigorous review process - all research articles**
- Peer review by at least **two independent reviewers**
- Editorial review allowed only for journals in arts and humanities
- Faculty oversight required for student journals
- **Peer review policy:** type and details of the peer review process must be stated clearly on the website, including the process for special issues, if applicable.

Plagiarism/similarity check (optional)

- Plagiarism checking recommended but not required for inclusion in DOAJ
- State name of checking service or protocol used

International Standard Serial Number (ISSN)

- A journal must have at least one ISSN that is registered and confirmed at issn.org
- The ISSN(s) must be displayed on the website
- The journal's name in the application and on the website must match what is shown at issn.org

Licensing

- Use licensing to:
 - Inform readers how they may reuse content
 - Inform readers of any reuse that is not allowed
 - Protect the author and journal against unauthorised use
- DOAJ recommends use of Creative Commons licenses (or equivalent)
- No charge for using CC Licenses - Choose a CC-license:
<https://creativecommons.org/chooser/>
- State your licensing terms on the journal website (required); embed in full-text article (optional)

Copyright

- Copyright of a published work can be held by the **author or journal/publisher**
- Best practice in open access is for **authors to retain copyright**
- But DOAJ will accept journals where copyright is transferred
- State your **copyright policy** on the journal website; separate from website copyright
- **Copyright terms must not contradict the licensing terms or the terms** of the open access policy
 - “All rights reserved” is never appropriate for open access content

Author/article processing charges/fees (APCs)

- If a journal doesn't have any charges, then this **must be stated**
- Must include **all fees that may be charged to the author**, from submission to publication, including: submission, editorial processing, article processing charges (APCs), page, colour charges
- Any **fee waiver** must be clearly specified with the conditions of waiver, e.g. amount, time period
- If there are **charges for withdrawing** the article after submission, they cannot exceed the author charges

Author guidelines

- **Endogeny should be minimised**
 - The proportion of published research papers where at least one of the authors is an editor, editorial board member, or reviewer must not exceed 25% in either of the latest two issues
 - Where content is not divided into issues, for example in a continuous publication model, endogeny must not exceed 25% in the last calendar year
- It is strongly recommended that articles should display **submitted/accepted/published dates**

Best practice criteria (optional)

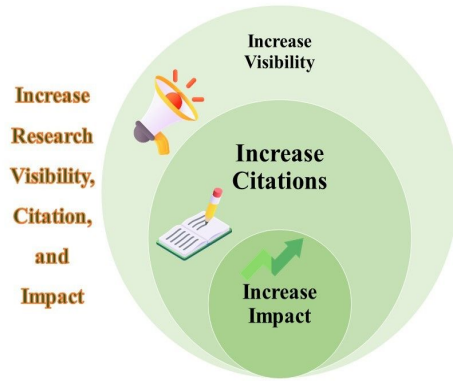
- Long-term archiving/preservation (e.g., Keepers Registry services, Internet Archive, PMC)
- Repository/self-archiving policy allowing deposit of all versions (no embargo) in institutional repository/on website
- Persistent identifiers (DOIs/ARK/Handle) - should resolve correctly
- Regular metadata deposits to DOAJ increases the visibility and impact of published research
<https://doaj.org/docs/faq/#uploading-article-metadata>

Best Publishing Practices in scholarly publishing



Why Publishing in OA Matters

- Increases visibility and citation impact
- Promotes global equity in knowledge sharing
- Enables reuse and innovation
- Complies with funder and institutional mandates



Research Visibility and Impact Center (RVIC)
©2021-2023 Dr. Nader Ale Ebrahim

Key Elements of Best OA Publishing Practices

- 1. Transparency in Editorial Process
- 2. Ethical Publishing Standards
- 3. Proper Licensing (Creative Commons)
- 4. Indexing and Discoverability
- 5. Data and Peer Review Transparency

Choosing the Right OA Journal

Check if journal is listed in:

- DOAJ (Directory of Open Access Journals)
- COPE (Committee on Publication Ethics)
- Jisc Open Policy Finder (previously Sherpa/Romeo) for self-archiving

Verify:

- Editorial board legitimacy
- Peer review process
- APC transparency

Avoiding Predatory Publishers

Red Flags:

- No clear editorial board
- Unrealistic timelines
- Hidden/excessive fees
- Poor website quality

Use Think. Check. Submit.

<https://thinkchecksubmit.org/>



Ethical Considerations & Copyright

- Follow COPE guidelines
- Maintain authorship integrity
- Ensure data accuracy
- Obtain permissions and licenses
- Avoid plagiarism and duplicate submissions

Use Creative Commons Licenses (CC):

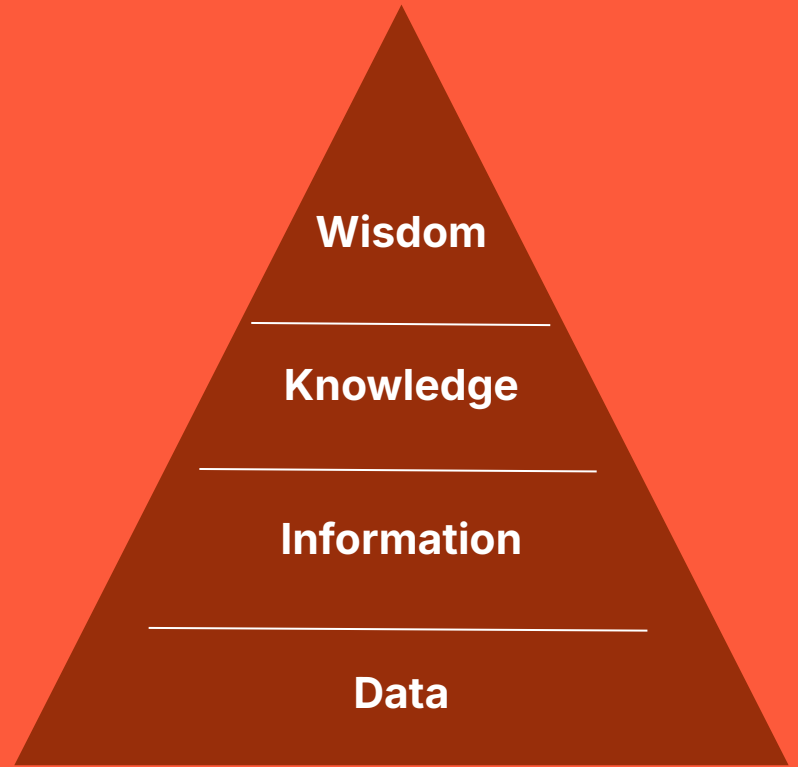
- CC BY (most open)
- CC BY-SA, CC BY-NC, etc.
- Retain author rights where possible.
- Understand copyright transfer agreements.

Metadata and Discoverability

- Provide complete metadata (author, ORCID, abstract, keywords)
- Deposit papers in institutional repositories
- Ensure machine-readable metadata for harvesting
- Share supporting data using FAIR principles:
- Findable, Accessible, Interoperable, Reusable.
- Deposit data in open repositories.
- Include data availability statements.

DOAJ's criteria are aligned with **good practice in publishing** and **research integrity**

Ethics and integrity turn
research from mere
information into
trustworthy knowledge
that can safely guide
practice, policy, and
future discovery.



Thank you!





Crossref
CELEBRATING 25 YEARS

Q&A