

Outline

A. Open Access Explained

1. What is Open Access?
2. Who benefits from Open Access?
3. Open Access policies and licenses
4. Copyright and infringements
5. OA repositories
6. OA contact persons

B. Status of OA Implementation

Open Access Explained

Why Open Access

- IITA regards its research results as international public goods (IPGs)
- IITA is committed to widespread dissemination and use of IPGs to achieve impact



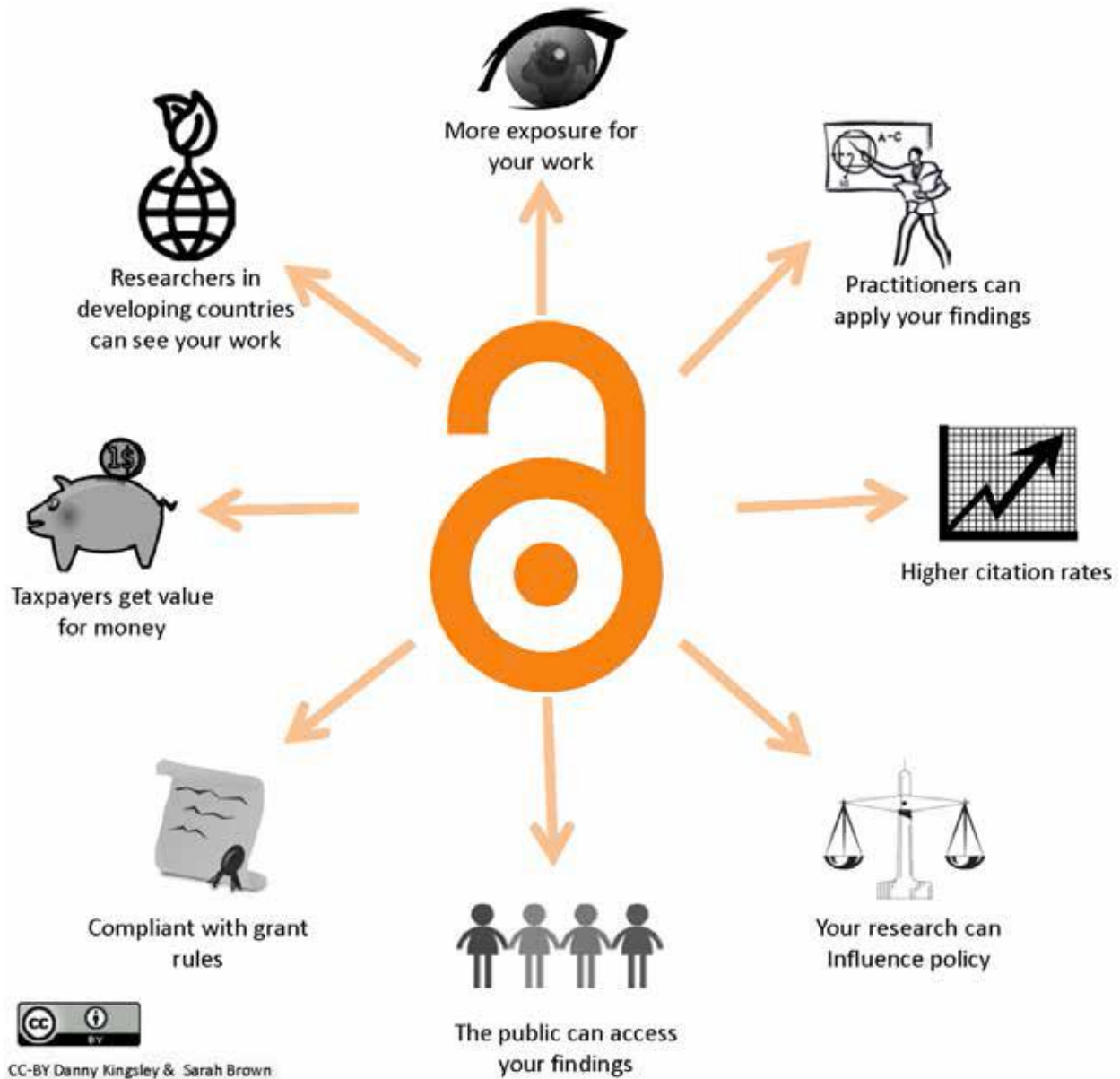
What is Open Access?

Open Access (OA) is the immediate, irrevocable, unrestricted and free online access by any user worldwide to information products, and unrestricted reuse of content subject to proper attribution.



Benefits of OA

- Increase the visibility, readership and impact of our work
- Create new avenues for discovery in digital environment
- Enhance interdisciplinary research
- Accelerate the pace of research, discovery, and innovation



Who benefits from OA?

Research Institutions

- Contributes to core mission of advancing knowledge
- “Democratizes” access across all institutions – regardless of size or budget

Who benefits from OA?

Research Funders

- Leverages return on research investment
- Creates tool to manage research portfolio
- Avoids funding duplicative research
- Creates transparency
- Encourages greater interaction with results of funded research

Who benefits from OA?

Public

- Provides access to previously unavailable materials relating to agriculture, nutrition, health, energy, environment, and other areas of broad interest

OA policies & regulations

Different OA policies and regulations govern the publication of research outputs:

1. [CGIAR's Open Access and Data Management Policy](#)
2. [IITA's Data and Information Management Policy](#)
3. Your project donor's policy (e.g., [Gates Foundation](#), [USAID](#))

OA policies & regulations

Rule: Your project donor's policy supersedes other OA policies.

For example, if your donor's policy indicates a longer embargo period before OA publishing than IITA's or CGIAR's policy, then the policy with the shortest embargo period always applies.

OA embargo period

This is the maximum permitted time between date of completion and date of publication in OA repositories, during which a publisher could require the payment of a fee to gain access to the publication.

Impacts of OA

Proposal stage: allocate specific funds to pay publishers' consent to make peer-reviewed publications openly accessible. These Article Processing Charges (APCs) should be budgeted at approximately US\$3,500/publication.

Data Management Plans (DMPs): DMPs have to be prepared directly after approval of the proposal, respecting IITA's Data and Information Management Policy and guidelines.

Impacts of OA

ORCID Identifier: get your ORCID identifier and include it when you submit publications and deposit them in IITA's repositories, apply for grants, and in any research workflow to ensure you get credit for your work.

Peer-reviewed articles: a post-print version of any article must be submitted to the Knowledge Center immediately upon publication, with metadata, and indicating the applicable OA embargo period and the authors' ORCID identifiers (mandatory).

Impacts of OA

Performance Appraisal Review (PAR): beginning in 2017, only publications that have been uploaded in IITA's designated OA repositories with the correct metadata will be taken into account in researchers' PAR.

Licensing: data and information products must be published under OA licenses.

Impacts of OA

Production stage: identify copyright holders during production and release the rights when taking pictures, videos or testimonies using IITA release forms (<http://ow.ly/VLWe304lvK9>), and cross-reference releases with visuals.

Don't forget to release the rights of people and places appearing in pictures, and third party materials you plan to use. More information on rights clearance and copyright is available here: <http://ow.ly/WAq8304lvNR>

Impacts of OA

Publishing stage: ensure all published materials have proper OA licenses, and that you possess the rights to grant the license under which you publish your materials. Attribute and credit visual materials clearly so that others can attribute the work when they re-use it. Don't forget donor acknowledgements.

Deposit stage: as soon as you publish an information product, make sure that you deposit it in IITA's designated OA repositories: CGSpace, Flickr, YouTube, Slideshare, etc.

How to make publications openly available

- Green Open Access
- Gold Open Access
- Hybrid Open Access

Option 1

Green Open Access

Authors publish in the journal of their choice, and then self-archive/deposit a version of the paper (after an embargo period) in their institutional repository.

Note: Ensure you send the final peer-reviewed manuscript to the IITA Knowledge Center for archiving.

Option 2

Gold Open Access

Authors publish in Open Access journals, which provide immediate access to their research paper.

Note: Remember to include a budget line in your research grant/proposal for OA publishing.

Costs vary depending on the publisher; good estimate: \$1,500-\$3,000 per paper.

Option 3

Hybrid Open Access

Subscription journals that provide Gold Open Access only for those individual articles for which their authors pay an Open Access publishing fee.

Note: Remember to include a budget line in your research grant/proposal for OA publishing (about \$3,000 per paper).

Copyright Transfer Agreements can be negotiated.

Copyrights & infringements

IITA owns the rights to materials produced and is therefore liable for any violation of copyright.

Copyright infringement is illegal and carries potentially significant consequences:

- it can damage the institute's and donors' reputation, and IITA could be obligated to financially compensate copyright owners,
- It can also lead to legal prosecution; it is unethical towards the people we do research with.

Copyright infringement

- Copyright law gives copyright holders the right to decide where their appearance/work is published.
- It is our responsibility to ensure proper rights clearance of the people and places appearing in visual materials, and of the 3rd party copyrighted materials contained in the information products produce.

Materials on copyrights

IRS Policy Manual, Article 5.6 on Copyright, Patents and Royalties

- All rights, including title, copyright royalties, and patent and royalty rights that result from a staff member's work during his/her term of employment rightfully belong to IITA.
- All staff must respect agreements IITA may have entered into covering a work and resulting in patent, copyright, royalties, or title.

Note: A staff member who believes that aspects of their work may be copyrighted or patented should discuss this with IITA's legal counsel.

Materials on copyrights

NRS Policy Manual, Article 5.4 on Copyright, Patents and Royalties

All rights, including title, copyrights, patent rights, etc. or any form of intellectual property produced by staff as part of their official duties shall be vested in IITA.

Tips

- Assume every material, e.g., image you find online is copyrighted.
- Always ask yourself: who is the copyright holder? Contact the holder to clear the rights using IITA's release templates.
- Beware: some copyrighted works may have been posted without copyright holders' permission, so read the Terms of Use and licenses carefully, respect them, and give proper credits if you reuse copyrighted materials.

Tips

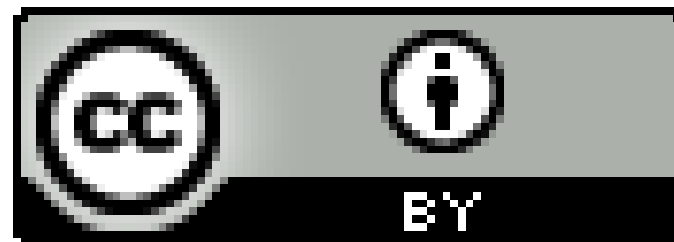
- Most people will agree to let their material (e.g., appearance, picture, or video) be used, especially if they accepted to be the subject of it. The fact that IITA is a non-for-profit institution will help you to convince people

Why OA licenses?

Respect of and compliance with the following dimensions of OA:

- Copyright laws and principles
- Rights clearance
- Terms of (re)use of third party materials
- Proper attribution and credits
- Licensing
- Deposit materials in IITA's OA repositories

OA licenses



IITA uses the following Creative Commons Open Licenses:

For publications and information products

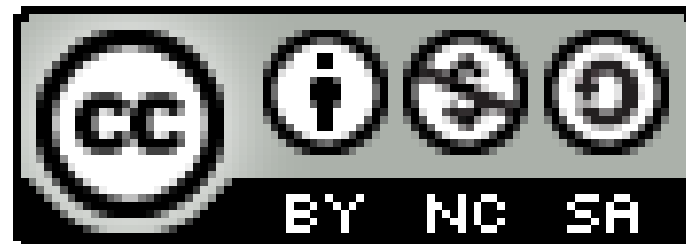
CC BY: This work is licensed under a [Creative Commons Attribution 4.0 International License](https://creativecommons.org/licenses/by/4.0/)

Meaning that others are free to:

Share — copy and redistribute the material in any medium or format

Adapt — remix, transform, and build upon the material for any purpose, even commercially; but they must **Attribute the work** — must give appropriate credit, provide a link to the license, and indicate if changes were made

OA licenses



For photos and multimedia contents

CC BY NC CA: This work is licensed under a [Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License](https://creativecommons.org/licenses/by-nc-sa/4.0/)

Meaning that others are free to:

Share — copy and redistribute the material in any medium or format

Adapt — remix, transform, and build upon the material for any purpose; but they must **attribute the work** — they must give appropriate credit, provide a link to the license, and indicate if changes were made; restricted to **NonCommercial use only** — they may not use the material for commercial purposes; and they must

ShareAlike — if they remix, transform, or build

OA licenses



For computer software, applications and code:

Released under the [GNU General Public License](https://www.gnu.org/licenses/old-licenses/gpl-3.0.html)

OA repositories

Repository	Content to deposit
CGSpace	Textual data (articles, papers, books, reports, briefs, etc.), metadata and link to photos, videos and audio files
IITA's Flickr	Images, with link and metadata in CGSpace
IITA's YouTube	Movies and videos, with link and metadata in CGSpace
IITA's Slideshare	Presentation slides, with link and metadata in CGSpace

OA repositories

Repository	Content to deposit
GeoNode	Geospatial data
CKAN	Research data
Cassavabase Yambase Musabase	Crop, breeding management and genomic sequence data
Genesys	Gene passport data

OA responsibilities

As a project manager

- Ensure that DMPs addressing the management of data and information of their units/projects are developed and implemented in line with IITA's Data and Information Management Policy;
- Encourage scientists to comply with embargo periods, and negotiate with publishers to retain their rights to deposit and share in OA repositories

OA responsibilities

As a project manager

- Encourage scientists to apply good practices when publishing data so that it's usable and fit for any purpose
- Ensure that OA training needs of staff and students are met, including new hires, so that they are aware of the irresponsibilities and obligations with regard to OA data and information management.

OA responsibilities

As a researcher

- Include cost and time implications of information and data storage and management in grant proposals
- Develop Data Management Plans (DMP) that address the creation, management, storage and publication of information and data, and the production of descriptive metadata
- Ensure that research information and data are deposited according to OA embargo periods and preserved in designated OA repositories

OA responsibilities

As a researcher

- Consult with IDMU regarding good practices in research data management (Martin Mueller at m.mueller@cgiar.org)
- Inform students, postdoctoral fellows, and visiting scientists of IITA's Policy, and mentor them regarding good practices in information and data management

OA responsibilities

As communicators

Responsible for the respect of and compliance with the following dimensions of OA:

- Copyright laws and principles
- Rights clearance
- Terms of (re)use of third party materials
- Proper attribution and credits
- Licensing
- Deposit materials in IITA's OA repositories

OA contacts (OA group)

- Focal point: Morenike Abur, m.abur@cgiar.org
- E-Research: Martin Mueller, m.mueller@cgiar.org
- Publications: Elsie Ezomo, e.ezomo@cgiar.org
- Communication: Katherine Lopez,
k.lopez@cgiar.org
- Overall: Ylva Hillbur, y.hillbur@cgiar.org
- Valerie Poire, former OA focal point

Status of Open Access Implementation

Milestones

- 2015: [CG Space](#), a new institutional repository, was introduced (linked to DSpace implementation by ILRI); **how many publications have been migrated?**
- 2015: Breeding Management System developed by Integrated Breeding Platform
- 2015: Cassava Breeding Unit started an innovative method to securely capture cassava field data by using electronic field book applications in tablets linked to Cassavabase
- **2016: declared as [Year of Open Access in IITA](#)**

Milestones

- 2016: IITA is also an active contributor to the development of the CGIAR Consortium’s “Big Data Platform Project”, a data pool to be generated to directly feed agronomic information and advice to farmers through electronic or mobile technology-based means
- 2016: 2015 publications in Thomson-indexed factor journals increased by 20% from 142 to 178 compared to 2014

Milestones

- 2016: Bioinformatics Unit began using high-throughput sequencing for fast and inexpensive sequencing of a whole genome
- 2016: Musabase and Yambase are under development
- 2016: GeoNode for geodata successfully implemented by GIS
- 2016: CKAN data repository , a web archive that stores research data, now operational

■
**Goal: to be fully OA
compliant by 2018**

Links

2016 is the Year of E-Research and Open Access in IITA:

http://www.iita.org/c/document_library/get_file?uuid=166f4545-4e80-4262-8dc8-16ad41c3ecc0&groupId=25357

OA for Communicators:

http://www.iita.org/c/document_library/get_file?uuid=3450073f-e8d6-4a8b-86ff-6bf90e07ef18&groupId=25357

OA for Project Managers:

http://www.iita.org/c/document_library/get_file?uuid=c41c37bb-3e20-4c3a-8f6c-6ba25ae8676a&groupId=25357

OA for Researchers:

http://www.iita.org/c/document_library/get_file?uuid=dc7e3ade-d9db-469b-9ad7-00744e12ca61&groupId=25357

Links

OA General Brochure:

http://www.iita.org/c/document_library/get_file?uuid=06b21380-dfff-46f4-8cc3-17b071900aad&groupId=25357

OA Poster 1:

http://www.iita.org/c/document_library/get_file?uuid=29177846-2147-4dc1-8f56-5c12e123ca69&groupId=25357

OA Poster 2:

http://www.iita.org/c/document_library/get_file?uuid=ef7e7a94-6110-49da-ab6d-ca23df3f54ab&groupId=25357

OA Poster 3:

http://www.iita.org/c/document_library/get_file?uuid=f22ee650-098a-495b-a0c9-8a74736a86c4&groupId=25357