

Open Access and Open Data What, Why and How

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Overview

- What
- Why
- How
- Conclusions

What

- Open Access: Making the text of your published academic papers freely available for others to read.
 - Only for academic articles, but may include book chapters if possible.
 - The text, tables and graphics, not the journal layout, pagination etc.
 - Only covers what you already publish without being paid.
- Open Data: Making your source data freely available in a useful form for other researchers to build on.
 - Requires care about privacy if data is about people.
 - May be restricted or required by funding contracts.

Why



- Improve Science and Scholarship
- Open Access:
 - Don't restrict access to your writing to those who can pay the publisher for access.
 - Enhance your citations — if people can't read it, they can't cite it.
- Open Data
 - Allow Replication
 - Allow Meta-studies
 - Make best use of the data globally.
 - Open opportunities for collaboration

How



- Open Access:
 - Deposit full text in a local repository *and* online services (e.g. ResearchGate, Academia.edu)
 - Don't waste research money on Pay-to-publish (particularly “hybrid” OA in a subscription journal).
 - Make it freely accessible if possible (publishers may have an embargo).
 - If you can't make it instantly available, respond to requests (all repositories and services allow one-to-one sharing)
- Open Data:
 - Plan for Open Data from the start: consent, formats, raw and processed
 - Data repository: local or external service (e.g. Zenodo)

Conclusions

- Caveat: OA/OD is primarily for other researchers.
It does not replace public understanding and community outreach dissemination.
- OA/DO are, and support, Good Science
- OA/OD are part of Ethical Science
- Let your work speak for itself, to everyone, not only those who can afford subscriptions
- Raises your profile: with other researchers, but also policy people.
- Beyond yourself: if your institution does not have an internal OA mandate and repository, get involved and lobby for it.