Current challenges of Open Access
A complex subject

Open Science Taxonomy

The FOSTER Open Science taxonomy.
2 types of challenges

- New
- Problematic
H2020

GOLD & GREEN

Peer reviewed

Cover of APC

Deposit before or when published
(not later)

Embargo 6 months (12 for HS)

Encourage authors to retain their copyright and grant adequate licences to publishers

Guidelines on Open Access to Scientific Publications and Research Data in Horizon 2020
Open Research Data Pilot

Data (and metadata) needed to validate the results presented in scientific publications

Data must be associated with a data management plan (DMP)

Costs associated with data management, including the creation of a data management plan, can be claimed as eligible costs in any Horizon 2020 grant.

[Guidelines on Data Management in Horizon 2020]
Scientific Social Network

ResearchGate

Academia.edu

MyScienceWork

... Easy to use, attract public ... but not open access
Researchers id - ORCID

INTEROPERABILITY

ENTER ONCE
REUSE OFTEN

PUBLISHER
ASSERT AUTHORSHIP

EMPLOYER
ASSERT AFFILIATION

CONNECT
COLLECT
CONNECT
COLLECT

CONNECT
COLLECT

FINDER
ASSERT AWARD

RESEARCHER

0123-4567-7654-3210

ORCID
Connecting Research and Researchers
Open Peer review

Before/after publication?

Linked to open data

Anonymous: Public
Open Interaction: Direct reciprocal discussion between author(s) and reviewers, as well as between reviewers.

Open Reports: Review reports are published alongside the article.

Open final-version commenting: Review or commenting on final version of record.

Open Participation: The wider community may contribute to the review process.

Open platforms: De-coupled from publishing in that it is facilitated by a different organisational entity.

Open pre-review manuscripts: Manuscripts are made immediately available.

Open Identity: Authors and reviewers are aware of each other’s identity.

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Tools & useful databases

OAbutton track paywall

Unpaywall web extension to find pdf

Oadoi find OA version via DOI

PubMed Linkout link to OA version

Sherpa – ROAR – DOAR – DOAJ – BASE...

Repository for oa tools???
Follow the news

Where to find the news?
Lot of different actors & sources of information
Lake of centralization & coordination

Events to attend?
Publishers taking back the movement

Developing or buying OA platforms (BioMed, Converis, Pure, Mendeley)

Hybrid model & APC

What will happen to OA if big publishers get the monopol on the movement like they did for the publication?
Predatory publishers

Associated with OA because of APC & electronic publication

Beall’s list is down, what’s next?

Vigilance of authors + assistance from librarians (especially for young researchers)

White list >> Black list?
GREEN OA

Green need mandate

Do not mix up with hybrid model!!!!
Hybrid model

Double dip

UNFAIR OA

Corrupt the comprehension of OA

Authors believe they need to be paid to comply with OA mandate
APC & Gold OA

Confusion between OA & gold OA

Only 30% of OA journals ask for APC

Only 12% of APC is paid by authors

Average cost of 1500$ with big variations
Data quality

Automatization & Human control

Interoperability

Linking data?

Authorities

Standardization

Databases are not perfect
Integration in the evaluation & publication process

Consider OA as part of the publication process, not an option

Quality $>$ Quantity

If the publication process changes, evaluation of researchers must change as well

Get out of the publish or perish system!!!
Metrics

Inform the researchers about existing options

Impact factor

Eigen factor = same list as JCR with different ponderation

SNIP = Citation potential in his subject field

Article influence

H-index

Downloads & consultations

IPP = ratio of citations per paper published in the journal

Altmetrics

SJR

SCIImago Journal Rank

Others???
Efficient communication
What are your challenges?
Thank you

Questions, suggestions, (in)formations...

lib.ulg.ac.be
bibdirection@ulg.ac.be
@ULgLibrary

orbi.ulg.ac.be
orbi@misc.ulg.ac.be
@ORBi_ULg

popups.ulg.ac.be
donum.ulg.ac.be
matheo.ulg.ac.be

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