The Practice of Openness

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LIBER: reinventing the library of the future

- Largest network of European research libraries: 410 in over 40 countries

Mission:

“To provide an information infrastructure to enable research in LIBER institutions to be world class”
From serials crisis...

“We write to communicate an untenable situation facing the Harvard Library. Many large journal publishers have made the scholarly communication environment fiscally unsustainable and academically restrictive.” Harvard University Library, 2012
To supporting the practice of openness

- Collaboration
- Open infrastructure
- New forms of peer review
- Research data management
- Open access publishing
- Policy
- Open data
- MASSIVE OPEN ONLINE COURSES (MOOCs)
- Open science
- Alternative Metrics
- Advocacy & training
- Copyright & licencing
- Open educational resources
So, what is the practice of openness?
Reduce

- Publish open access
- Deposit data and publications
- Make your data available, findable, citable, reusable!

......barriers
Reuse

- Use open access licences that facilitate reuse
- On CC-by...
- On CC0...
- Use open source software

.... Enable it
Permission

- Retain your copyright
- CC-by
- CC0
- You still retain moral rights
Recycle

- Mine the knowledge we have already created
- Seek out opportunities to reuse data
- Engage in cross disciplinary research

.... to create new knowledge
Recycling knowledge

“Text and data mining (TDM) is the process of deriving information from machine-read material. It works by copying large quantities of material, extracting the data, and recombining it to identify patterns.” JISC
A
Mild stage AD hypotheses
chronological analysis

Number of hypotheses

Publication Years


APP  APOE  MAPT  CHAT  BDNF

B
Moderate stage AD hypotheses
Chronological analysis

Number of hypotheses

Publication Years


MAPT  APP  APOE  BACE1  CHAT

C
Severe stage AD hypotheses
chronological analysis

Number of hypotheses

Publication Years


MAPT  APP  BACE1  GAL  APOE

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Spreading the habit

- Disciplines at different stages
- One size does not fit all
  - Values differ across disciplines
  - As does data
  - And RDM practices
  - And publishing modes
- Attitudes and practices will change over time
  - Increase in skills
  - Availability of infrastructure
  - Evidence and incentives
  - Legislative change will impact practices

http://recodeproject.eu/
Advocacy

- Promote benefits
- Embed in disciplinary practices
- Market reuse projects
- Engage in dialogue with policymakers
- Collaborate
- Give recognition where recognition is due!

.....this effects you!
Don’t get left behind!
Enabling Open Science

LIBER, the Association of European Research Libraries, has a mission to provide an infrastructure to enable the research output of LIBER Institutions to be world-class.

LIBER welcomes the European Commission’s commitment to Open Science as a key step towards strengthening the global competences of European science by ensuring that research and knowledge are made more widely accessible and used in practice.

We believe that the move towards openness will lead to increased transparency, better science, and stronger partnerships with the research community. Open research will enable the movement of ideas and data, knowledge transfer, and better global monitoring of research trends and impacts. LIBER fully supports the promotion of Open Science at the European level and is working with the European Commission to help ensure that Open Science is fully integrated into the research agenda.

In conclusion, Open Science is essential for advancing science and knowledge, and for ensuring that research results are accessible to all. We believe that Open Science is a key component of achieving the goals set out in the European Union’s Horizon 2020 framework programme.

Policy and Leadership:

The LIBER Statement provides a clear and comprehensive framework for implementing Open Science. It is based on the principles of transparency, accountability, and collaboration, and it is designed to be flexible and adaptable to the needs of the research community.

Advocate for and promote Open Science practices by sharing best practices and promoting the benefits of Open Science.

Support the development of Open Science policies and initiatives at the national and international levels.

Collaborate with other stakeholders to promote Open Science and ensure that it is integrated into all aspects of scientific research.

monitor and evaluate the progress towards Open Science and provide regular reports to the European Commission.

FOSTER
Thank you!

• Questions?
  • Ask your librarian!

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