Born Digital – Why Not Open?

NISO Virtual Conference

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Promise of the Internet

Discovery **=** Delivery
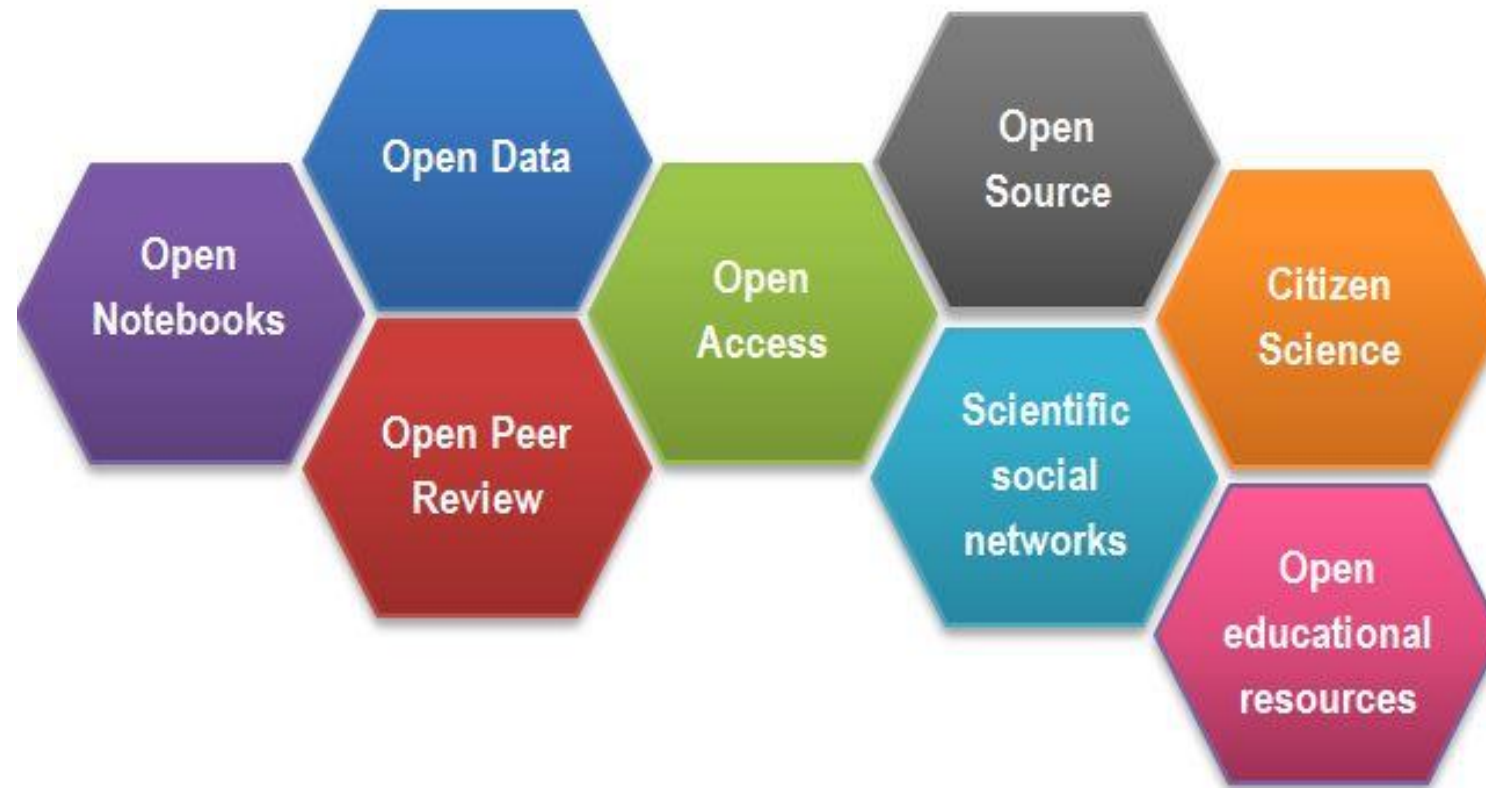
SPARC*

Open Access

Open Education

Open Data

Open Access

Open Scholarship

https://www.fosteropenscience.eu/content/what-open-science-introduction

Access to More Research Outputs

- Poster session

- Presentations at Conferences

- Preprint – authors manuscript

- Version of Record – final published

- Data & Code – notebooks

Value of Research to Society

- Regulations
- Life saving discoveries
- How business operates

Research Conveys Valid Process

- Credibility / Validity
  - Vetting process – Peer Review
  - Retractions – Accountability

- Source / Brand / Reputation
  - Author
  - Journal / Publisher

Societies

What needs to change for Open to be the Norm?

- Culture & Policy

- Economic models

- Infrastructure

Culture & Policy

- Tenure system requires publication in specific outlets or formats by discipline.
- Reputation and brand can affect faculty careers.
- Social science faculty who lack grants and build data sets have little incentive to share their data.

How does the academy prioritize the costs of open?

Economic Models

- Open Access models shift the costs from a distributed demand side to a concentrated supply side model.
- Publishing operations are more economical at scale.
- Unizin is an academic consortium based on membership model and focused on learner success. https://unizin.org/

What innovative approaches will reduce the costs?

Infrastructure

- Publisher workflows are changing to digital first (XML first) to streamline editorial and production.
- Author workflows have been a significant obstacle to the initial objectives of institutional repositories.
- Agile and continuous development are key to adapting systems to keep up with a changing environment.

Who will fund ongoing costs of grant funded projects?

Stakeholders – Funders & OA

- National Governments
  - In 2013-2014 UK, EU, US mandated OA

- Foundations
  - Wellcome Trust & Gates require OA
  - Use white label version of F1000 platform

- State Governments
  - Following 2008 - CA,CT,MN, ND, OR, WA – bills on OER

Stakeholders - Academy

- President
  - Priorities related to economic pressure

- Office of Research
  - Grants affect revenue and prestige

- Libraries
  - Advocate for open

Stakeholders – Commercial Providers

- Content Providers
  - Primary Publishers
  - Aggregators

- Technology Providers
  - Platforms for content
  - Discovery tools

Questions

- What are the strengths and weaknesses of different stakeholders?

- What are the priorities for different types of academic institutions?

- What will enable the academy to successfully manage and sustain an open environment?

Innovate > Not Replicate

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https://101innovations.wordpress.com/

New Initiatives – Educopia & LPC

- **Library Publishing Workflows**
  - **12 partner libraries – create set model workflows**

- **Next Generation Library Publishing**
  - **$2.2M Acadia – tools, business models, workflows**

IS Insights & Strategy

Market Research

Content Strategy

Business Development

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