Leading the Change to Open Science in European Universities

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Content

- LERU Roadmap
- Future publishing models
  - UCL Press ‘white label’ publishing service
- Research Data
- Rewards and Evaluation
- LERU Leadership Statement
- Building the Open Science community
- Conclusion

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European Commission: Open Science Policy Platform – 8 pillars of Open Science

1. Future of Scholarly Communication
2. EOSC (European Open Science Cloud)
3. FAIR Data
4. Skills
5. Research Integrity
6. Rewards
7. Altmetrics
8. Citizen Science
LERU has produced an Open Science Roadmap for universities


41 Recommendations
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Plan S Implementation Plan with Rationale for changes

Statement from LERU (League of European Research Universities) on the implications of the revised Implementation Plan
Actions that libraries should take

- Ensure all academics are aware of OA compliance requirements from their funders

Actions that libraries should take

- Look at establishing Alternative Publishing Platforms which are Plan S-compliant
- Monitor their Green OA repositories, to ensure they meet revised Plan S requirements
Alternative Publishing Platforms

2 million downloads since June 2015

UCL Press downloads

231 countries
Most-downloaded books (Apr19)

1. **How the World Changed Social Media**
   - Downloads: 319,902
   - Since: March 2016

2. **Social Media in Industrial China**
   - Downloads: 94,446
   - Since: Sept 2016

3. **Social Media in an English Village**
   - Downloads: 72,232
   - Since: March 2016

4. **Brexit and Beyond: Rethinking the Futures of Europe**
   - Downloads: 67,125
   - Since: January 2018

5. **Textbook of Plastic & Reconstructive Surgery**
   - Downloads: 60,358
   - Since: August 2016
UCL Press offers publishing services

- Dublin City University is the first university to buy publishing services from UCL
- All outputs to be branded as Dublin City University Press
- All enquiries welcomed
- https://www.uclpress.co.uk/
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Research Data – a new currency

- **UCL RDR (Research Data repository)**

Graphic from: H2020 Online Manual
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Take-home message

It will be impossible to implement Open Science harmoniously without a large, significant and determined consensus on new ways to evaluate research and researchers.
Evaluating research careers in an Open Science landscape

- European Commission report on evaluating research careers in the context of Open Science
  - [https://ec.europa.eu/research/openscience/pdf/os_rewards_wgreport_final.pdf](https://ec.europa.eu/research/openscience/pdf/os_rewards_wgreport_final.pdf)
- 23 criteria identified for a rounded evaluation
- Matrix **not** metrics
San Francisco Declaration on Research Assessment; Leiden Manifesto

- Don’t use Numerical Values like Journal Impact Factors as a surrogate for academic quality
- Too many academic papers to read for appointments? Ask for best 5 to be submitted & read them
- Use bibliometrics only as an *adjunct* to qualitative assessment
- Base assessment of individual researchers on a qualitative judgement of their portfolio
Rewards

- Insert Open Science principles into career frameworks
- Develop institutional policies for rewarding Open Science
- Apply to appointment, promotion and appraisal procedures
  - UCL has included openness into its new academic promotions framework
  - [https://www.ucl.ac.uk/human-resources/sites/human-resources/files/ucl-130418.pdf](https://www.ucl.ac.uk/human-resources/sites/human-resources/files/ucl-130418.pdf)
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LERU Leadership Statement

- LERU wants to underline the importance of the culture shift which is needed for the implementation of Open Science in universities, in particular with regard to Open Access publications. Plan S poses significant challenges for universities, not least in terms of managing costs.

- Without a successful conclusion to the debate, a successful transition to Open Science will not be possible.

https://www.leru.org/news/leadership-the-key-to-open-science-success
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Building the community

- OAI meetings in Geneva every 2 years
  - [https://indico.cern.ch/event/786048/](https://indico.cern.ch/event/786048/)

- Workshops delivered at your door

- Open Science Crowd Helix – for partnerships and project bids

- E-mail openscience@crowdhelix.com to join
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Conclusion

- Open Science is good for the researcher
- Open Science is an opportunity, not a threat
- Whether Plan S will work remains to be seen

UCL Student Centre, opened 18/2/19