

# Research Trends in Academic Libraries :

Supporting researchers

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31 August 2019, Dubai.

# What is LIBER?

- **LIBER (Ligue des Bibliothèques Européennes de Recherche – Association of European Research Libraries).**
- Represents Europe's research library community with university and research institutions members.
- More than 450 universities and other libraries are part of the LIBER network.

# Topics of the LIBER conference

- Open Science initiatives.
- Publishing models, Green or Gold.
- ELSEVIER Database cancellation.
- Measuring Research Impact factor.
- Research Data Management Services.

# What is Open Science?

According to the FOSTER (fostering Open Science) taxonomy, “Open science is the movement to make scientific research, data and dissemination accessible to all levels of an inquiring society”.

(About Foster, 2019)

# Open Science

- Open Science is more than just open access to research papers.
- Open Science is about sharing the data to be accessible for validation or reuse unless there are privacy restrictions (open data, open standards).
- Open Science is about sharing the research workflows including the stages of analyzing data to present the results.
- Open Access means more readers which may lead to more citations and ultimately to more recognition.

(Open science definition, 2019)

# Open Access

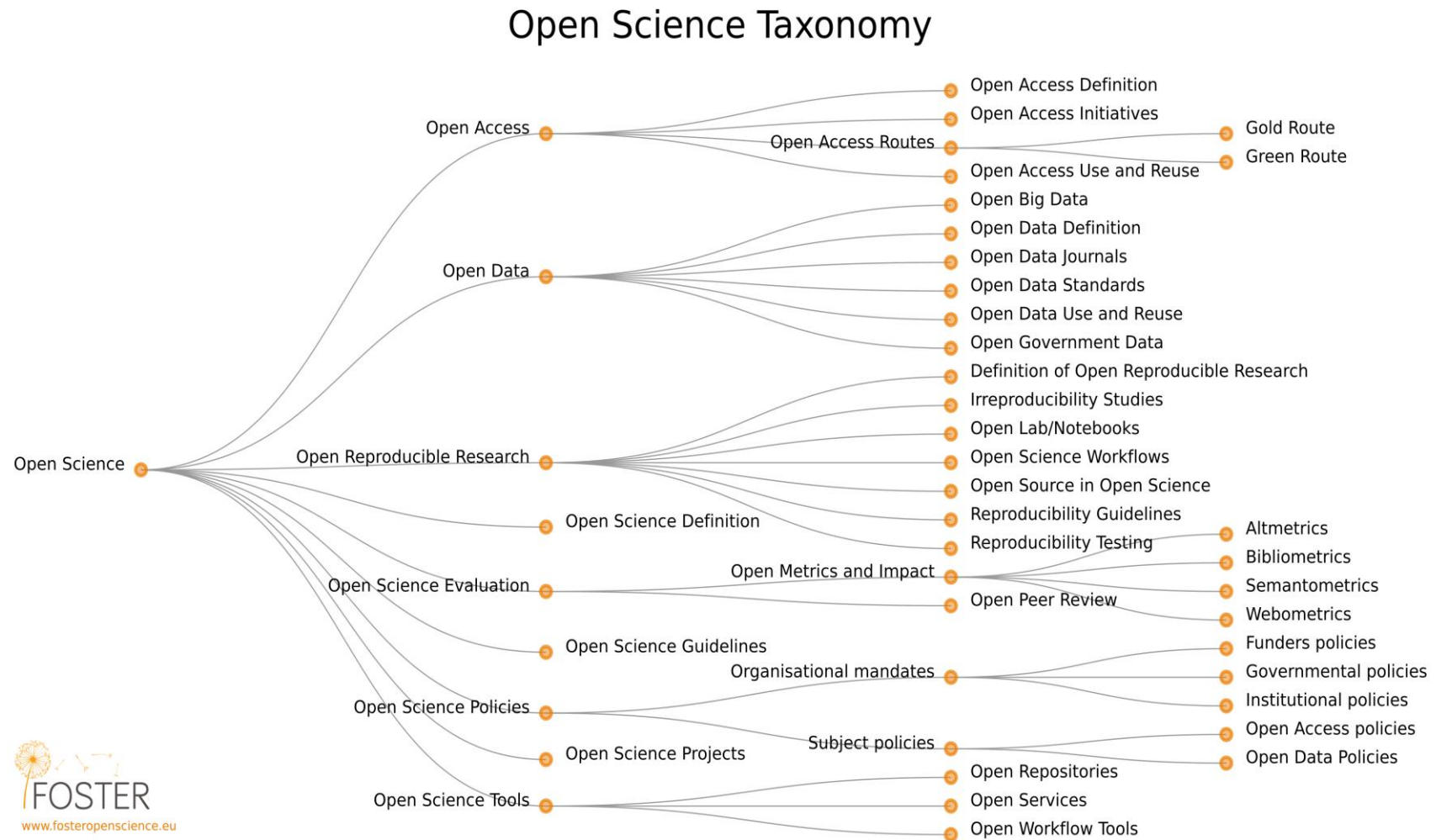
- Open access is on its way to become the default publishing model.
- Some universities consider openness an important part to the research process. Repositories are becoming a fundamental tool to preserve the research results for any institution.
- AUD library has implemented Dspace repository earlier this year.
- AUD Dspace link: <https://dspace.aud.edu/>

# Green vs Gold Open Access

- **Open Access types**
- **GOLD Open Access** - Authors can submit their works to a Peer Reviewed Open Access Journal for publication. 70% percent of Open Access Journals require no-fee. Costs for publication can often be paid by sponsoring institutions, scholarships and support from departments and schools.
- **GREEN Open Access** - Authors make their work freely available in a Digital Repository without need for Peer Review. These repositories do not provide peer review but can still store content that has been peer reviewed.

(Grebinoski, 2015)

# Open science taxonomy (Classification)





# Universities cancel high- cost Elsevier databases

## UC Drops Elsevier

After months of negotiating over open-access fees and paywalls, the University of California System follows through on threat to cancel its journal subscription deal with Elsevier.



By [Lindsay McKenzie](#) // March 1, 2019

31 COMMENTS

The University of California System has canceled its multimillion-dollar subscription contract with Elsevier, an academic publisher.

Other institutions have canceled their "big deal" journal subscription contracts with major publishers before. But none in the U.S. have the financial and scholarly clout of the UC system -- which accounts for nearly 10 percent of the nation's publishing output.



The cancellation, announced Thursday, is a blow to Elsevier, which is facing increasing pressure to change its largely subscription-based business model. Last year, hundreds of institutions in Germany and Sweden refused to sign a deal with Elsevier unless it agreed to fundamentally change the way it charges institutions to access and publish research.

UC has been pushing for a so-called [read-and-publish](#) deal with the company, which would offset the cost of open access publishing against the cost of access to subscription content. Lead negotiators for the system argue that this kind of deal will help publishers accelerate open-access publishing and eventually eliminate paywalls. Under such a deal, all UC research published in Elsevier journals would be immediately available to the public.

# Universities cancel high- cost Elsevier databases



**Jon Tennant** ✓  
@Protohedgehog



Thank you to [@UofCalifornia](#) for terminating your Elsevier contracts. This sends out a huge message that [#openaccess](#) is critical for democratic access to science, and that people matter more than profits [universityofcalifornia.edu/press-room/uc-...](#)  
[#democratiseknowledge](#) [@eduint](#)

♡ 193 11:08 PM - Feb 28, 2019



💬 83 people are talking about this



# What is Plan S?

- Plan S is an initiative for Open Access that was launched in September 2018. All the scientific publications published after 2021 that received public grants should be published in Open Access journals or platforms.
- **“With effect from 2021, all scholarly publications on the results from research funded by public or private grants provided by national, regional and international research councils and funding bodies, must be published in Open Access Journals, on Open Access Platforms, or made immediately available through Open Access Repositories without embargo.”**

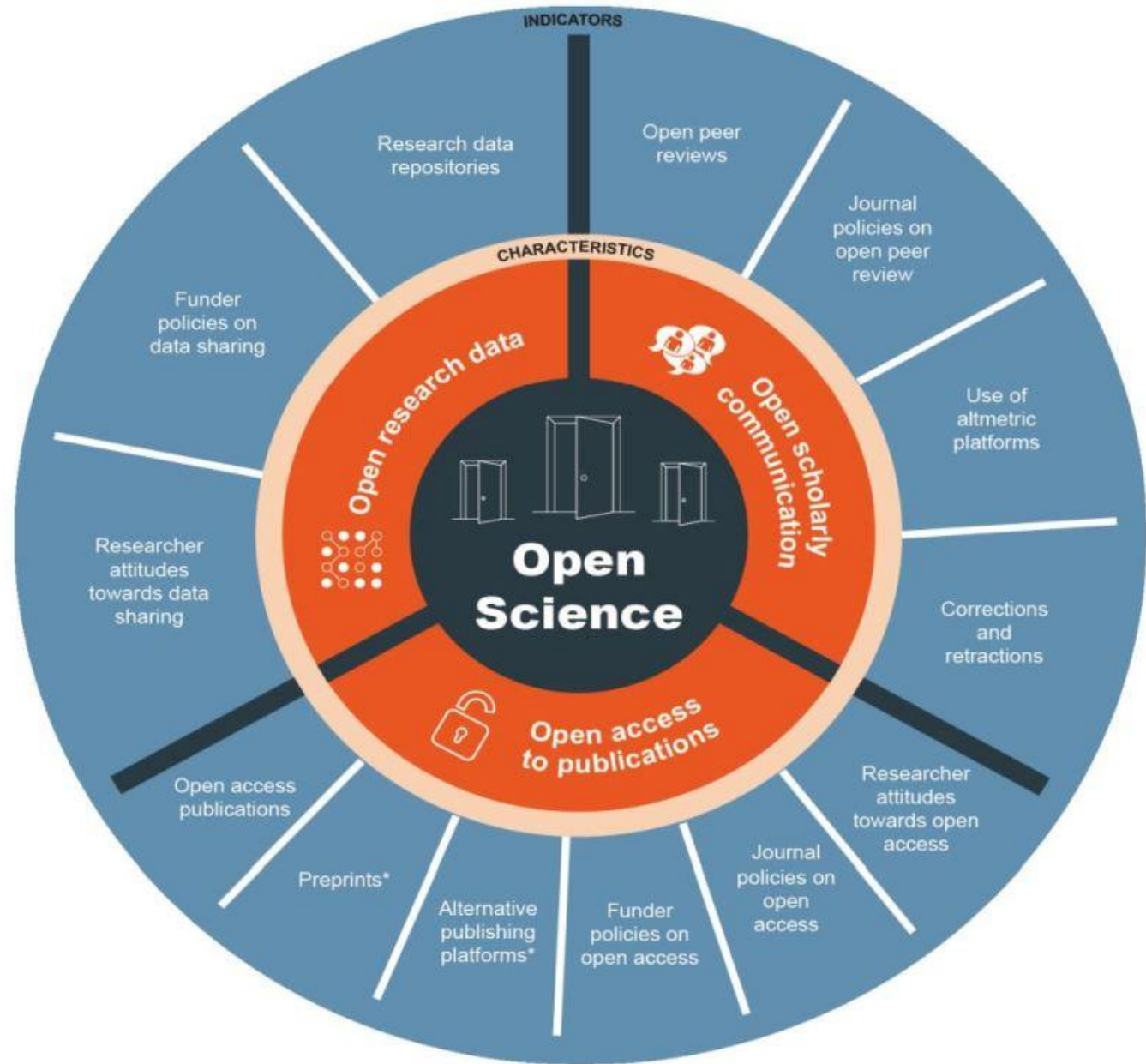
(Plan S, 2019)

# Open Access by SPARC- Your work, your right

- SPARC is a global coalition promoting OPEN Science to become the default form of publishing.
- Most of the times when you publish an article in a peer-reviewed journal or open access you have the copyright of the article. If you choose to publish in a paywall access journal then you'll have to sign a form transferring your rights to the publisher.
- But you always have the option to decide which rights you would like to keep. You can negotiate your rights. SPARC provides a set of resources to help researchers understand their rights.

(Who we are, 2019)

# Open Science Wheel from Open Science Monitor.



# Citation impact

- The classic citation debate: Do citations indicate quality of research? If not, maybe the total Institute Impact Assessment would provide better results?
- Until now citations have been viewed as the best way to measure academic impact.
- Citation culture. How should we create reliable analytics to focus on quality of the research and not only the numbers? Teams of data scientists, IT and researchers working on this topic.

# Impact factor

“The journal impact factor, as calculated by Thomson Reuters , was originally created as a tool to help librarians identify journals to purchase, not as a measure of the scientific quality of research in an article. With that in mind, it is critical to understand that the journal impact factor has a number of well-documented deficiencies as a tool for research assessment.”

(Open access, 2019)

# DORA

- The Declaration on Research Assessment (DORA) recognizes the need to improve the ways in which the outputs of scholarly research are evaluated.
- The declaration was developed in 2012 during the Annual Meeting of the American Society for Cell Biology in San Francisco.
- It is a worldwide initiative covering all scholarly disciplines and all key stakeholders including funders, publishers, professional societies, institutions, and researchers.

(DORA, 2019)



# What DORA (Declaration on Research Assessment) says?

- **For institutions**
- 4. Be explicit about the criteria used to reach hiring, tenure, and promotion decisions, clearly highlighting, especially for early-stage investigators, that the scientific content of a paper is much more important than publication metrics or the identity of the journal in which it was published.
- 5. For the purposes of research assessment, consider the value and impact of all research outputs (including datasets and software) in addition to research publications, and consider a broad range of impact measures including qualitative indicators of research impact, such as influence on policy and practice.

(DORA, 2019)

# ORCID example in presentations

## LIBER 2019 - Slides, Posters, Audio & Video Recordings

### Recent uploads

Search LIBER 2019 - Slides, Posters, Audio & Video Recordings



July 11, 2019 (v1) Journal article Open Access

View

#### Open Science Essentials: Towards a Skill Set & Showcases

Swiatek, Cécile;

Part 1: 9-10:15 am Open science skills for both research librarians and researchers are at the centre of all evolutions towards "openness". Created in July 2018, LIBER's Digital Skills for Library staff and Researchers Working Group started working in two complementary directio

Uploaded on July 11, 2019

July 9, 2019 (v1) Presentation Open Access

View

#### Applying the FAIR Data Principles in Day-to-Day Library Practice

Schmidt, Birgit; Grim, Rob; Tóth-Czifra, Erzsébet; Schneider, Juliane; Kramer, Claudia; Jetten, Mijke; Harrower, Natalie; Ivanovic, Dragan;

Making FAIR data a reality requires collaboration and efforts at various levels. Libraries can and do play a core role at the institutional level in applying the FAIR principles in day to day practice. This workshop Presents first hand experiences from libraries applying the FAIR principles Hig

Uploaded on July 9, 2019

New upload

#### LIBER 2019 - Slides, Posters, Audio & Video Recordings

All presentations delivered at LIBER's 2019 Annual Conference are stored here.

You can also find the audio recordings on Spotify: <https://open.spotify.com/show/6GFyy6RslrCkWUACIQKZL>

#### Curated by:

[libereurope](#)

#### Curation policy:

Not specified

#### Created:

June 11, 2019

#### Harvesting API:

[OAI-PMH Interface](#)

# AUD ORCID guide

Click here:

<https://libguides.aud.edu/FacultyResearch>

## ORCID Guide

Create your ORCID profile and connect with research institutions and associations all over the world.

7 steps for an ORCID account

Connect ORCID to other profiles

### 1. Watch this short video for more information



[What is ORCID? from ORCID on Vimeo.](#)

### 2. Why sign up for an ORCID ID?

- Distinguish yourself and get credit for all your research activities.
- Names are not enough to ensure credit for your work and connect with your research publications.
- ORCID provides a free unique digital identifier that distinguishes you from every other researcher.
- ORCID is an open non-profit organization supported by research organizations, publishers, funders and professional associations.
- Researchers can import their existing publications indexed in proprietary platforms like the Web of Science and Scopus, or open platforms like Google Scholar - to their ORCID record.
- It supports the research workflows and it's a requirement from many publishers, organizations and the Ministry of Education in UAE
- [For more information on ORCID please click here:](#)
- [Check an ORCID sample here:](#)

### 3. Register now here!

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We need your feedback! Please tell us about your understanding and perceptions of ORCID and your experience of using your ID by completing our community survey. Thank you!

[Register for an ORCID ID](#)

# Academic Libraries mission

- Academic libraries must support the researchers, faculty and students by providing access to the research outcome.

## AUD Library's mission

- Train library staff on Research Data Management services.
- Design, develop and review research data management services.
- Improve research support by offering access through Interlibrary loan or subscriptions.
- Support and promote ORCID use to the AUD researchers. ORCID workshops and personal consultations to faculty on how to create and use an account.
- Negotiate with publishers for better agreements, packages, licenses and contracts.
- Develop and promote policies for Dspace Repository.
- Offer workshops on citation management tools to support faculty research.

# Library Research support example



Setting up  
research



Investigating  
&  
Experimenting



Publishing &  
Outreach

Setting up research

- <https://www.tudelft.nl/en/library/current-topics/libraryfor-researchers/>

(Library for researchers, 2019)

# Library Research support example 2

## Publishing & Outreach

### Creating your publishing strategy

Learn more about the publication process and what a publication strategy entails

### Copyright

Learn what you need to keep in mind when it comes to copyrights

### Open Access publishing

Discover the benefits and conditions of Open Access publishing

### Open Access Funding

Find out how to apply to Open Access funding

### Agreements with Open Access publishers

Discover the special agreements made with certain open access publishers

### Publish your data

Learn how to make your research data available

### Archiving & Digitalising

Learn how to handle this time-consuming job efficiently

### Research identity

Make use of your ISBN, ISSN, DOI and/or ORCID

### Register publications

Learn how to make your publication available through the TU Delft Repository

### Academic Writing Assistant

Make use of this tool to support your writing

### Research analytics support

Perform an analysis to gain insight into the

### Workshops & Courses

Enroll to learn more about how to make an

# Library supports research example 3



## TU Delft publishes great open access figures

TU Delft has just released its latest open access figures: 63% of all peer-reviewed articles published by TU Delft authors in 2018 were published open access. The intended 2018 goal of 60% has been successfully achieved and exceeded, a great achievement. [Read more >](#)



# Library example in the Middle East.



جامعة الملك عبد الله  
للعلوم والتقنية  
King Abdullah University of  
Science and Technology

University  
Library



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## New Open Access publishing models at KAUST

KAUST University Library is happy to announce new open access publishing agreements with 3 STEM publishers, in collaboration with KAUST Office of Sponsored Research (OSR). These agreements will allow KAUST corresponding authors to publish their accepted articles open access mode (in the journals of publishers listed below) and made openly available under creative common license, at no cost to the author.

- Royal Society of Chemistry (RSC) : *Read and Publish Model* coverage 2019-2021
- Cambridge University Press (CUP) : *Read and Publish Model* coverage 2019-2021
- Institute of Physics (IOP) : *Off-set Publishing Model* coverage 2019

The first of its kind in the region, these publishing models aim over time to reduce the proportion of pay-walled scholarly articles, as library subscription funding shift to open access publishing. University Library, with the support of OSR, is taking a proactive role of negotiating with other publishers on similar agreements in the coming years, and expecting to be aligned with global open access and open science movements. This new initiative will support [KAUST open access policy](#) and supplement [KAUST research repository](#), aimed to increase the impact of KAUST research publications through its availability to the world without locking them behind publisher's paywalls.

Need more  
information?  
Check our  
research guide

<https://libguides.aud.edu/impact>

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