

# Plan S and global Open Access

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Leon, Spain  
Sept 26th, 2019

# [Open] Science is a Human Right

## Article 27

- 1) Everyone has the right freely to participate in the cultural life of the community, to enjoy the arts and to **share in scientific advancement and its benefits.**
- 2) Everyone has the right to the protection of the moral and material interests resulting from any scientific, literary or artistic production of which he is the author.

- 1) Toda persona tiene derecho a participar libremente en la vida cultural de la comunidad, a gozar de las artes y a participar en el **progreso científico y en los beneficios que de él resulten.**
- 2) Toda persona tiene derecho a la protección de los intereses morales y materiales que le correspondan por razón de las producciones científicas, literarias o artísticas de que sea autora.

# We are in the middle of a global research [r]evolution

There are (at least) five major 'crises':

- **Access** – Most research still paywalled to most people
- **Reproducibility** – Much research fails basic reproducibility tests
  - **Serials** – The dramatic price increases of journals
  - **Evaluation** – The metric that shall not be named
- **Copyright** – No longer serves researchers or creators

The way the current system works is  
a consistent violation of  
fundamental human rights.

This is why each of us has to fight to  
protect them. Today.

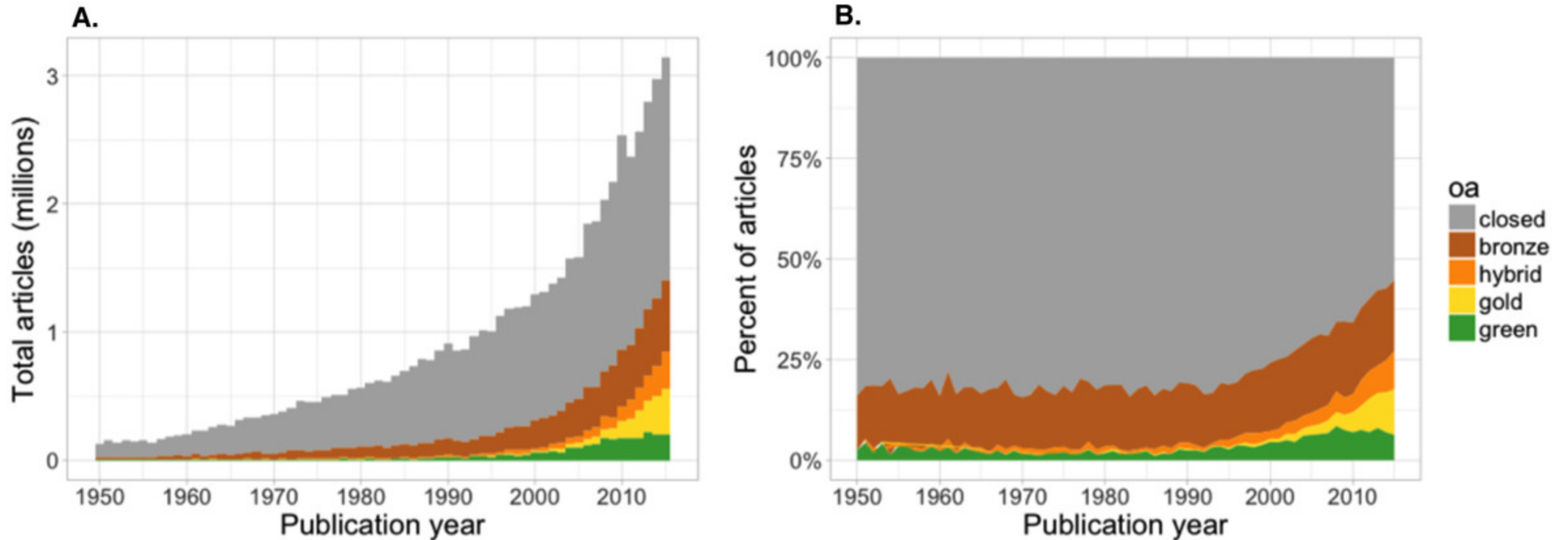


# SUSTAINABLE DEVELOPMENT GOALS



**We need science to help solve the problems our global society faces.**

# Painfully slow growth of Open Access?



“We estimate that at least 28% of the scholarly literature is OA (19M in total) and that this proportion is growing, driven particularly by growth in Gold and Hybrid.” – Piwowar et al., 2018.





# Plan S did not come out of nowhere

- [Budapest Open Access Initiative](#) in 2001
- PLOS founded in 2000
- NIH OA policy hotly debated in mid-early 2000s and mandated in 2008
- [FP7](#) in Europe 2008
- Horizon 2020 announced in 2013
- SciELO launched in 1997
- REDALYC launched in 2002



# WHO joins coalition for free digital access to health research

## Statement by the World Health Organization in support of cOAlition S

29 August 2019 | Departmental news

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Today, WHO announces it is the first of the United Nations agencies to join a coalition of research funders and charitable foundations (cOAlition S), an initiative to make full and immediate open access to research publications a reality. cOAlition S is built around [Plan S](#), which consists of [10 principles](#) to ensure that the

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<https://www.who.int/news-room/detail/29-08-2019-who-joins-coalition-for-free-digital-access-to-health-research>

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The reading hall at the central library of the Humboldt University in Berlin. ANDREAS LEVERS/Flickr (CC BY-NC-SA 2.0)

## German researchers resign from Elsevier journals in push for nationwide open access

By Gretchen Vogel | Oct. 13, 2017, 3:30 PM

“One big publisher stated: if your country stops subscribing to our journals, science in your country will be set back significantly. I responded [...] it is interesting to hear such a threat from a producer of envelopes who does not have any idea of the contents.”

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#villain



Martin Grötschel, President of the Berlin-Brandenburg Academy of Sciences and Humanities

#HERO

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# Norwegian Universities Ditch Elsevier

By [Lindsay McKenzie](#) // March 13, 2019

4 COMMENTS 

## Germans to close “transformative” deal with SpringerNature

### Deal banks heavily on hybrid option and excludes Nature-affiliated publications

[Internationaal](#) | door [Sicco de Knecht](#)

**22 augustus 2019** | For the better part of three years German research institutes including the Max Planck society have been battling the major publishers over open access. Today Projekt DEAL and Spring have come to an understanding on immediate open access for most – but not all publicati

[NEWS](#) / [PUBLISHING NEWS](#) / [ELSEVIER SIGNS PI...](#)

## Elsevier signs pilot agreement to serve Hungary

10 July 2019



## German Institutions and Wiley Reach Open-Access Publishing Deal

The three-year contract, in which all articles will be published as open access in exchange for an annual fee for journal subscriptions, is a triumph for Project DEAL.

[NEWS](#) • 19 JULY 2018

## Dutch publishing giant cuts off researchers in Germany and Sweden

*Negotiations with Elsevier have stalled over open-access deals.*

NEWS RELEASE 3-SEP-2019

## Springer Nature and the Austrian Academic Library Consortium renew open access contract

*Researchers and students in Austria continue to benefit from the proven 'Read & Publish' model; the agreement combines the opportunity to publish open access in more than 1,900 Springer journals with access to more than 2,000 subscription journals*

## Springer Nature accelerates its transformative journey with the signing of landmark pure Open Access (OA) deal

June 27, 2019



**Two further new read and publish deals drives Springer Nature’s transformative deals into double figures**

New agreements agreed this week with the Bibsam consortium in Sweden and Norway’s Unit consortium takes the number of Springer Nature’s read and publish deals to ten, putting the publisher firmly on the path to becoming a

transformative publisher.

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# Springer Nature abusing power for profits

Page 99 of the Springer Nature IPO\* prospectus:

*“We also aim at increasing APCs by increasing the value we offer to authors through improving the impact factor and reputation of our existing journals.”*

## Springer Nature is committed to being a part of the open-access movement

Institutions, research funding bodies and publishers must all work together to change the system in the interest of advancing research, says Steven Inchcoombe

May 18, 2018

<https://www.timeshighereducation.com/blog/springer-nature-committed-being-part-open-access-movement>

<https://www.timeshighereducation.com/blog/linking-impact-factor-open-access-charges-creates-more-inequality-academic-publishing>

\*failed...

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# We have to combat their propoganda

## Springer Nature proposes model for open access transition

Suggested approach could see content from *Nature* made freely available

May 10, 2019



“We respect academics,” Mr Inchcoombe told *Times Higher Education*, “but it’s become increasingly clear...that unless we can move from being a passive enabler for academics and researchers to make their choices, to become a driver enabler, the transition is going to happen at a snail’s pace.”

The announcement was met with some scepticism, however. Jon Tennant, a researcher at the Institute for Globally Distributed Open Research and Education, rejected the notion that the company was acting as a leader on open access.

“Springer Nature are the definition of bandwagon jumpers,” he said. “They have been dragged kicking and screaming into the open access space.”

<https://www.timeshighereducation.com/news/springer-nature-proposes-model-open-access-transition>

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# Better or worse?



<https://www.hrk.de/press/press-releases/press-release/meldung/projekt-deal-and-springer-nature-reach-understanding-on-worlds-largest-transformative-open-access-a/>

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# North America in transition?

## California's Elsevier break strengthens other campuses' hands

Universities report winning more conciliatory terms on open access question in their own negotiations with publisher

September 2, 2019

By Paul Basken

Twitter: @pbasken

The University of California's decision to cut ties with Elsevier has led the publisher to soften its demands with other US campuses, according to an open access advocate.



<https://osc.universityofcalifornia.edu/2019/08/fact-check-uc-and-elsevier/>

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<https://www.timeshighereducation.com/news/californias-elsevier-break-strengthens-other-campuses-hands>



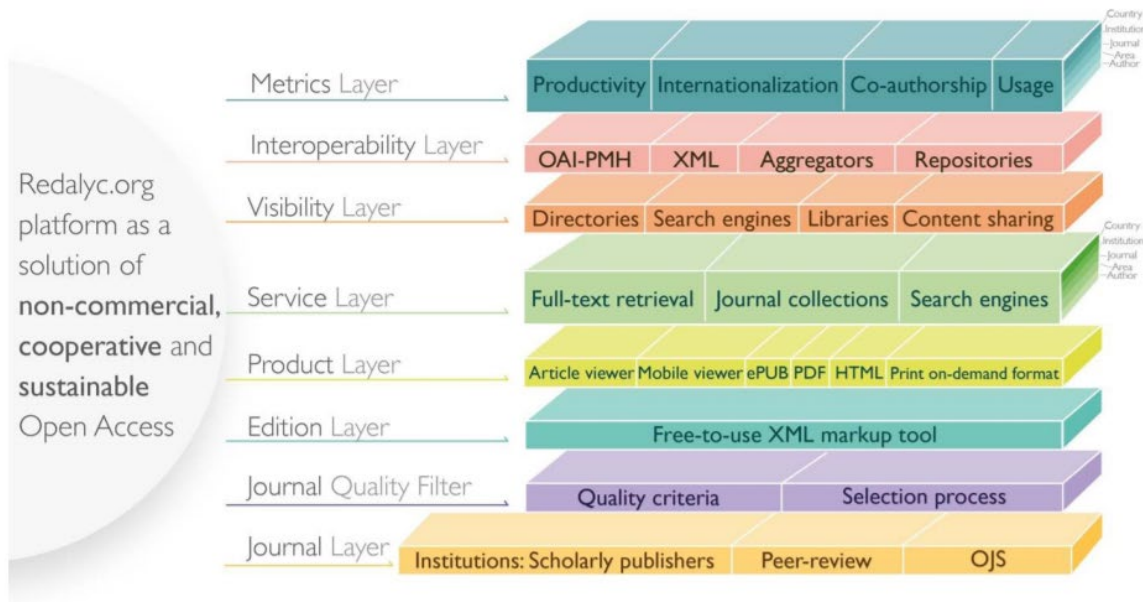
# Bridging the global publishing divide

What can we learn from the successes and failures of each other?

# SciELO: the hero the world needs?

- Covers Latin America, Iberian Peninsula, and South Africa (13 countries)
- Around 750,000 published papers, 1,200 active journals – all OA!
- 20 years of free/low cost publishing for researchers
- Production costs much lower than ‘western’ publishing houses
- SciELO España: <http://scielo.isciii.es/scielo.php>





- 1,260 journals from 15 Iberoamerican countries
- Supports 622 publishers
- Half a million full text articles
- Generates bibliometric indicators too

# Plan S has it backwards

- Instead of Plan S trying to impose itself on the rest of the world (**cough** Neocolonialism **cough**), we should be asking how can we co-operate and learn from the successes of Latin America
- Without continuing to funnel billions of taxpayers money into a corrupt, dysfunctional, profit-driven system

Arianna Becerril-García, chair of AmeliCA:  
**“The commercial strategies that for-profit publishers have adopted for open access are ravenous, exclusionary and unsustainable. This is entirely contrary to the vision of open access that AmeliCA supports.”**



Arianna Becerril-García | PhD. in Computer Science  
Executive Director, Redalyc.org | Chair, AmeliCA

Redalyc  AmeliCA

<https://www.youtube.com/watch?v=yQDFHBJX7xl&feature=youtu.be>

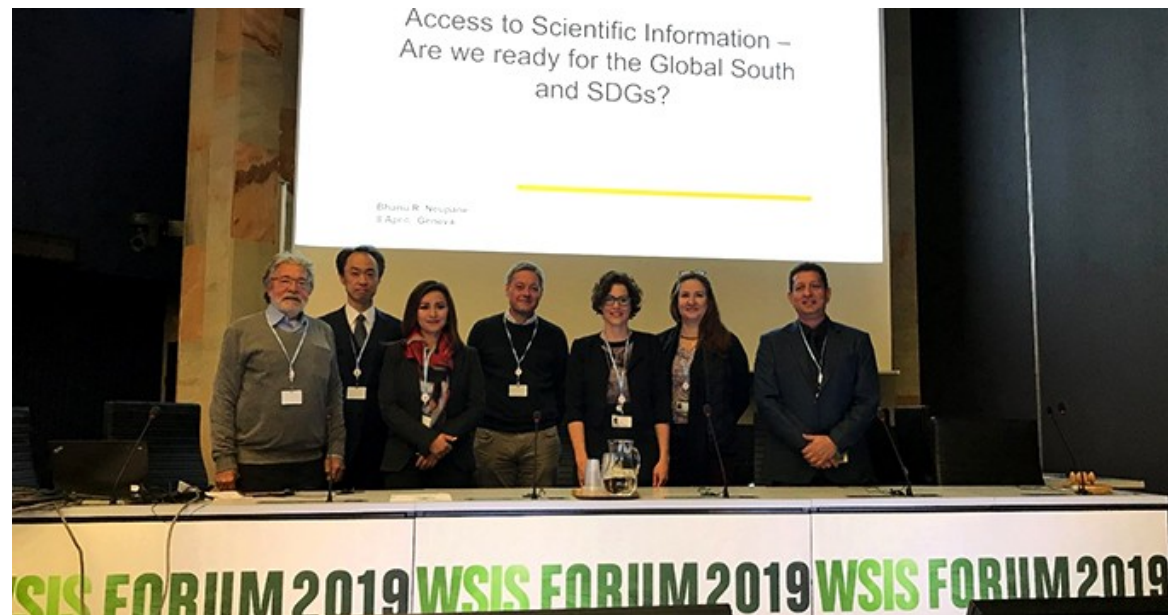
<https://poynder.blogspot.com/2019/05/the-oa-interviews-arianna-becerril.html>

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# GLOALL: Global Alliance of Open Access Scholarly Communication

Taking back control of scientific publications by academics and institutions by investing the in development of a shared and open scholarly infrastructure.



AmeliCA, AJOL, Érudit, J-STAGE, OpenEdition, and SciELO

# Evaluation reform is utterly critical

- Raise your hand if you use the impact factor to evaluate the work of other people
- Raise your hand if you think other people use the impact factor to evaluate you



# What can we all achieve if we stand together?

We need to stand together as a unified global community to make sure that we are acting in the best interests of the public, not corporate gains.

**#PeopleNotProfits**

Welcome to the Open Science MOOC!

# To help make 'Open' the default setting for all global research.

We want to help create a welcoming and supporting community, with good tools, teachers, and role-models, and built upon a solid values-based foundation of freedom and equitable access to research.

# Can we break the inertia?

## ➤ Education, training, support.

- Empowerment and leadership for the next generation.
  - Shifting power dynamics to reduce bias and abuse.
    - Building a global community based on strong values, sharing and collaboration.
      - Massive-scale engagement to re-align Open Science with current incentive structures.



- **GitHub:** <https://github.com/OpenScienceMOOC>
  - **Website:** <https://opensciencemooc.eu>
    - **Twitter:** [@OpenScienceMOOC](https://twitter.com/OpenScienceMOOC)
    - **Email:** [info@opensciencemooc.eu](mailto:info@opensciencemooc.eu)

# Status

- **In development**
- 2 modules currently live, 1000 enrolled participants
  - 860 Slack community members
  - 7500 Twitter followers
- 150 strong GitHub development team
  - 45 strategic partnerships
  - 2 more modules in development

<https://www.dataplanes.org/osmooc-dashboard/>

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**OPEN  
SCIENCE  
MOOC**  
FREE | OPEN | LEARNING



# I invite you all to join us!

Locations of Open Science Twitter MOOC-ers

Profile locations geocoded with OpenStreetMap Nominatim (N = 2221)



<https://osmooc.herokuapp.com/> - Slack

<https://open-science-mooc-invite.herokuapp.com/> - GitHub

<https://github.com/lhehnke/opensciencemooc-followers>

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