



ELSEVIER

Elsevier's steps towards Open Access and beyond



Publisher's talk

OA Week 2022

Presented by: Adriaan Klinkenberg, Physics & Astronomy, Elsevier

Agenda

- What progress did we make with **Open Access**?
 - Growth in content
 - Operational / workflow improvements
- Our options for growing in OA:
 - “Plain” open access launches, e.g. *Results in Physics*
 - Mirror journals, e.g. *Journal of Computational Physics X*
 - OA review journals, e.g. *Reviews in Physics*
 - Brand extension, e.g. *Applied Surface Science Advances*
 - Business model flips, e.g. *Ultrasonics Sonochemistry*
 - Partner journals, e.g. SJTU’s *Superconductivity*
 - Research Elements journals, e.g. *SoftwareX*
- Preprints at SSRN

“Open access is an integral part of our commitment to a collaborative, inclusive and transparent world of research where authors, researchers and academic institutions can share knowledge and build on each other's work to advance outcomes.”

<https://www.elsevier.com/open-access>

Advancing Open Access at Elsevier



2002

Elsevier is founding member of Research4Life, which gives **free or affordable access in 120 low- and middle-income countries**. 100K+ peer reviewed resources are currently available.



2004

- Elsevier **allows all authors to post a free copy of their article** in their repository.
- Selected journals make **archives free to read**. Now for 140+ journals, including Cell.



2005

Elsevier starts **sending articles to PubMed Central** to make freely available — 26k+ to date.



2009

Elsevier launches its **first fully gold open access journal**.



2013

- Elsevier **gives authors option to publish open access** in most journals that were previously subscription-only.
- Elsevier founds program to **make articles from major US federal funders freely available**. 50k+ now available subscription-only.



2018

Elsevier **signs OA agreement in Finland**, allowing their researchers to publish open access at no charge to the author.



2019

Elsevier **signs open access agreements in Norway, Poland, Hungary, Sweden, France and with Carnegie Mellon University in the US**, allowing their researchers to publish open access.

2020

- Elsevier **signs open access agreements in Switzerland, Ireland, the Netherlands, Qatar and Korea and with the University of Florida in the US** to enable their researchers to publish open

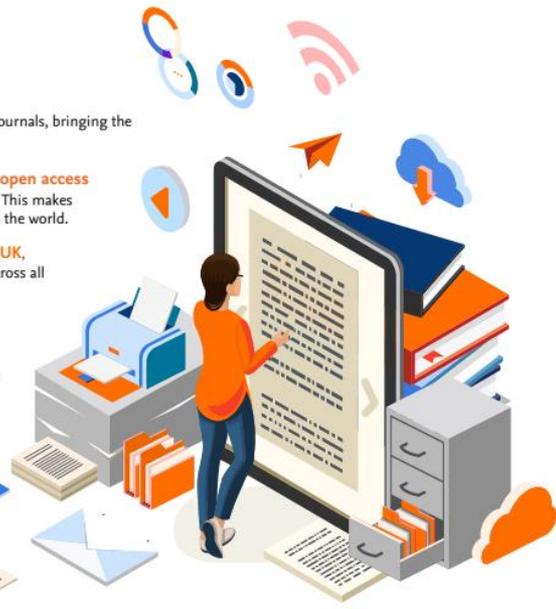
Elsevier makes **all COVID-19 articles and data freely available** — 50k+ resources to

2021

- Elsevier expands open access options for Cell Press Journals and **converts 160 subscription-based journals** into open access models
- Elsevier is first publisher to sign an open access transformative agreement with the Royal Danish Library to support continued reading and OA publishing for Danish researchers.

2022 ...

- Elsevier launches 100+ new fully gold open access journals, bringing the total to **600 fully gold open access journals**.
- Elsevier publishes **119k+ gold or pay-to-publish open access articles** — a year-on-year growth rate of over 46%. This makes Elsevier one of the largest open access publishers in the world.
- Elsevier signs **transitional agreement with Jisc-UK**, allowing their researchers to publish open access across all Elsevier journals.

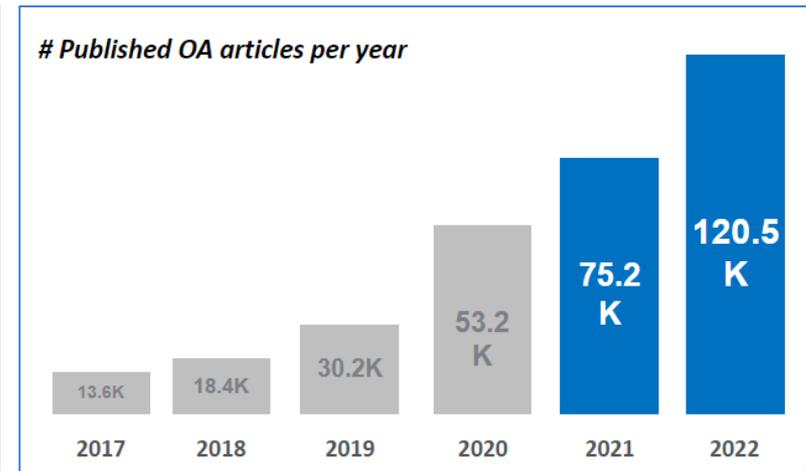
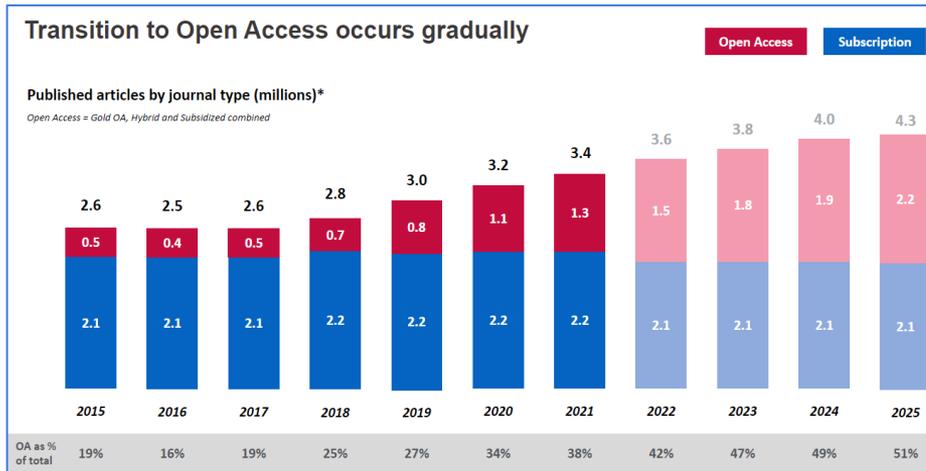


Growth of Open Access articles

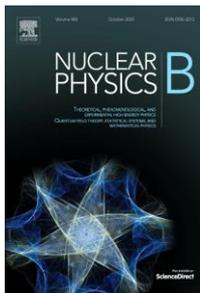
Open access is growing faster than subscription: an attractive growth market

Subscription model is still highly valued and stable

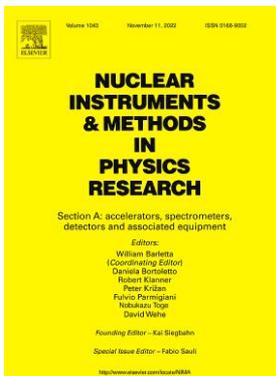
Authors have a choice; not always and subscription model may be only option



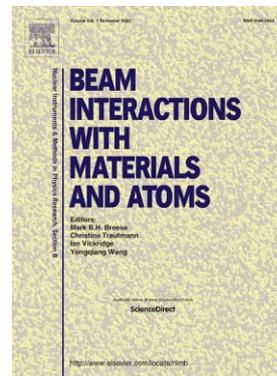
Publishing Open Access with the help of many at CERN



SCOAP3 journals



Launched in 1957 by Kai Siegbahn



For Africans, by Africans, on Africa

<https://journalfinder.elsevier.com/>

Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment

OA 5 ISSN: 0168-9002



Text match score 

CiteScore  3.1

Impact Factor  1.335

Acceptance rate  54%

Time to 1st decision  6 weeks

Time to publication  3 weeks

Transformative agreements



- **“Transformative agreements”** are defined differently depending on the customer, but typically refer to agreements that combine reading (**subscriptions**) and publishing (**open access**) services.
- Combined agreements enable researchers to:
 - **Access journal content**, including articles published under the subscription model (*Read*).
 - **Publish open access**, typically without having to pay a transactional APC (*Publish*).
- Combined agreements can include:
 - **Quota deals**: Researchers at an institution can publish up to an agreed number of open access articles as part of the agreed price.
 - **Discount deals**: Researchers at an institution can publish open access, at a discount.
- Transformative journals – 183 journals in Plan S – 160 proprietary and 23 society-owned titles

Every deal is unique – no customer is the same !

Transformative agreements and Elsevier



Elsevier has formed numerous pilot agreements around the world that support the open science and open access research ambitions of institutions and university consortia.

- Elsevier is **market leader** in terms of numbers of transformative agreements.
- >20 transformative agreements in 2021 and more to come.
- Alongside these combined deals, we continue to successfully agree 1,000s of **traditional subscription deals**.

<https://www.elsevier.com/open-access/agreements>

Open Access Agreements

Elsevier has reached open access agreements with the following institutions. Click on a link below to find out more information.

For information on Funding Arrangements, please visit this page.

Agreements (A-Z by Country)

- Austria
- Australia - Commonwealth Scientific and Industrial Research Organisation (CSIRO)
- Canada - Canadian Research Knowledge Network (CRKN)
- Denmark - Royal Danish Library National License Consortium
- Finland - FinELib Consortium
- France - Couperin Consortium
- Greece - HEAL Consortium
- Hungary - EISZ Consortium
- Ireland - Consortium of Irish Higher Education Institutions
- Italy - CRUI Consortium
- Japan - Japan Alliance of University Library Consortia for E-Resources (JUSTICE)
- Netherlands - VSNU
- Norway - Unit Consortium
- Poland - Polish Consortium
- Portugal - Foundation for Science and Technology
- Qatar - Qatar National Library and Qatar University
- Spain - CRUE-CSIC
- Slovenia - CTK Consortium
- South Korea - National Research Council of Science & Technology (NST)
- Sweden - BIBSAM
- Switzerland - CERN
- Switzerland - Swiss Universities
- USA - California State University (CSU)
- USA - Carnegie Mellon University (CMU)
- USA - Cold Spring Harbor Laboratory
- USA - State University of New York (SUNY)
- USA - University of California (UC)
- USA - University of Florida (UF)
- USA - Washington University in St. Louis

OA Author workflow

Our systems have been tailored to automatically match the details of an author with any OA agreement we have with their institution.

Matching Authors to the Agreements – in EM

Insert Special Characters

Your Given/First Name* Author
Middle Name
Your Family/Last Name* Name
Academic Degree(s) Phd
Affiliation
Your E-mail Address* Author@elsevier.com
Institution* University of Central Funding
Start typing to display potentially matching institutions. ⓘ
Department*
Country or Region* UNITED STATES
Contributor Roles [Click here to select roles](#)
 Save these changes to my user registration as well
 This is the corresponding author ⓘ

Matching Authors to the Agreements – Post acceptance

Rights and Access

1 Corresponding Author 2 Co-Author 3 Research Funders 4 Publishing Options 5 Review Order 6 Confirmation

Author journey demo

Corresponding author	Dr. Paul Dylan
E-mail address	paul.dylan@univkuz.com
Journal	
Our reference	JF0229078
PI	S0014-2363(19)00074-7

Corresponding Author's Organization ⓘ

Please provide details of the corresponding author's organization.
We use this information so we can offer tailored publishing options and a personalized article publishing charge for Gold open access when applicable (for tips on searching for an organization please visit our [Support Center](#))

Organization*
University of Central Funding X
University of Central Funding
New York, US

Previous Save and Continue >

Based on information you have provided, your publishing option is shown below
This is a Transformative Journal ⓘ

Gold Open Access

Publish as an Open Access article

Make my published article available to everyone.

This research was supported by GATES foundation, which requires me to publish my article under the [CC BY license](#) ⓘ.

On Validation: The GATES foundation will pay 100% of the APC.

Note: Please make sure you have included the Grant number in the previous page (Researcher Funder's page) as it is mandatory for Gates to pay the APC.

Article Publishing



To pay (on validation)

0.00

If Gates foundation does not confirm paying the APC, you will receive a full price invoice for EUR 3,240.00 (ex. VAT). Within 2 weeks of receiving an invoice, you may contact [Researcher Support](#) to publish free of charge under the Subscription model.

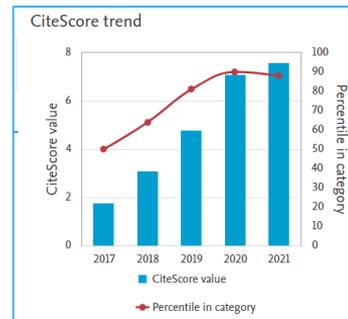
Previous

Save and Continue >

Authors are automatically offered the best deal: funder, national, university or society waiver or discount.

Plus **Research4Life** waivers for Group A countries and 50% discounts for Group B

Some of our OA experiences in Physics



- “Plain” open access launches, e.g. *Results in Physics* (2011; 1000+ papers/yr)
- Mirror journals, e.g. *Journal of Computational Physics X*
- OA review journals, e.g. *Reviews in Physics*
- Brand extension, e.g. *Applied Surface Science Advances*
- Business model flips, e.g. *Ultrasonics Sonochemistry* (2021 flip, resulted in 53% drop in submissions; mostly Global South)
- Subsidized OA journal, e.g. *Journal of Medical Physics* (ZMP is subsidized by three DACH med phys societies)
- Partner journals, e.g. SJTU’s *Superconductivity* (The APC fee will be waived for articles submitted before 31st December 2022.)
- Research Elements journals, e.g. SoftwareX (low APC)

Reviews in Physics
Now Open for Proposals

REVIEWS IN PHYSICS

Submit Your Proposal



Research Elements jnl's – publishing Research Objects



The Research Elements journals are multidisciplinary, open access, peer-reviewed journals which publish digestible articles that describe and facilitate access to data, methods, protocols, software, scientific devices, and inventions which are a product of the R&D process.

- Data in Brief
- MethodsX
- SoftwareX
- HardwareX
- ScienceTalks



Current Issue

July 2022, Volume 19

[Articles in Press](#)

[Past Issues](#)

Publish

[Submit your software ↗](#)

[Submit Article ↗](#)

[Aims and Scope](#)

[For Authors](#)

[Open Access ↗](#)

Explore

[SOFTX on GitHub ↗](#)

[SOFTX on Code Ocean ↗](#)

[Special issues ↗](#)

[SOFTX on Software](#)

[Heritage ↗](#)

[SOFTX on DOAJ ↗](#)

Connect

[Twitter ↗](#)

About

SoftwareX



SoftwareX aims to acknowledge the impact of software on today's research practice, and on new scientific discoveries in almost all research domains. SoftwareX also aims to stress the importance of the software developers who are, in part, responsible for this impact.

Editorial Board

Editors-in-Chief

Dr. Kate Keahey, PhD

The University of Chicago, Chicago, Illinois, United States of America

Dr. Randall Sobie, PhD

University of Victoria, Victoria, British Columbia, Canada

Prof. Dr. David Wallom, PhD

University of Oxford, Oxford, United Kingdom

[Get to know the editorial board](#)

Metrics

1.959

Impact Factor

2.8

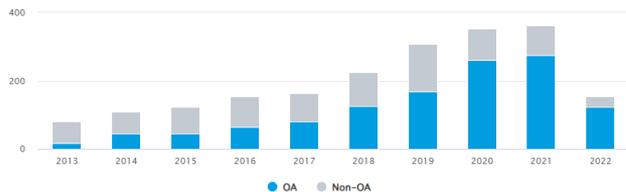
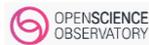
CiteScore

[> More Journal Metrics ↗](#)

[> Submit a Manuscript ↗](#)

[> Time to Online Publication ↗](#)

Software
over time



Open Data

- Mendeley Data
 - CPC Code Library
- SoftwareX
 - Github
 - Software Heritage
 - Code Ocean

The image shows two overlapping screenshots. The top one is the Mendeley Data page for 'Computer Physics Communications', featuring a journal cover and publication details. The bottom one is the SoftwareX GitHub organization page, showing repository statistics and a list of popular repositories.

One workspace for computational research

Code Ocean standardizes the research workflow to create, track, and share computational experiments

- Pre-configured environments: R, Python, Matlab, C/C++
- Simple, automated access to the cloud
- Manage cloud data as simple folders
- Collaborate in groups with access permissions
- Centralized repository for projects, results, and data

The image shows a search results page from Software Heritage. It includes a search bar with filters and a table of archived software.

Origin type	Origin url	Archiving status
git	https://github.com/softwareXiaotao/vitit	✓ Archived
git	https://github.com/Project-RO/software_x_paper	✓ Archived
git	https://github.com/softwareXiaotao/spider_baidubaike	✓ Archived
git	https://github.com/softwareXiaotao/test	✓ Archived
git	https://github.com/heliospark/softwarex4	✓ Archived
git	https://github.com/softwareexplorer/Song_Selector	✓ Archived
git	https://github.com/softwarexy/yanq_jeetcode	✓ Archived
git	https://github.com/softwareXiaotao/CustomView	✓ Archived
git	https://github.com/softwarexy/Data_Structure	✓ Archived
git	https://github.com/Mesajah/softwarex	✓ Archived
hg	https://softwareiaozhu111.googlecode.com/hg/	✓ Archived
git	https://github.com/softwareXiaotao/RecyclerItemDecoration	✓ Archived
git	https://github.com/softwarexy/springboot-guide	✓ Archived
git	https://github.com/SoftwareXtreme/prueba	✓ Archived

SSRN Preprints – covering all sciences



Physics RN started in 2022

9,000+ Physics preprints

1 mio.+ in total

Option to opt-in during submission in Editorial Manager for 900+ journals.

Proceedings solution at very low fee.

A screenshot of the Physics Research Network (PhysicsRN) website header. The top navigation bar is dark blue with the SSRN logo on the left, the text "Welcome to PhysicsRN The Physics Research Network" in the center, and two buttons: "Submit a paper >" and "Subscribe to eJournal alerts >". Below the navigation bar is a horizontal menu with links: "Conference Proceedings", "First Look", "Job Openings", "Partners in Publishing", "Professional Announcements", and "Research Paper Series".

Physics Research Network Select a research network

SSRN Welcome to PhysicsRN
The Physics Research Network Submit a paper > Subscribe to eJournal alerts >

Conference Proceedings First Look Job Openings Partners in Publishing Professional Announcements Research Paper Series

Physics Preprints

Physics is the study of matter, motion, and energy of constituents of the observable universe using the language of mathematics with the aim to find a unified set of laws that govern matter, motion, and energy at subatomic, macroscopic, and very large length scales. The Physics Research Network on SSRN is an open-access preprint server that provides a venue for authors to showcase their research papers in our digital library, speeding up dissemination and providing the scholarly community access to groundbreaking working papers and early-stage research. SSRN provides the opportunity to share different outputs of research such as preprints, preliminary or exploratory investigations, book chapters, PhD dissertations, course and teaching materials, presentations, and posters, among others. SSRN also helps physics scholars discover the latest research in their own and other fields of interest while providing a platform for the early sharing of their own work, making it available for subsequent work to be built upon more quickly.

Network Statistics

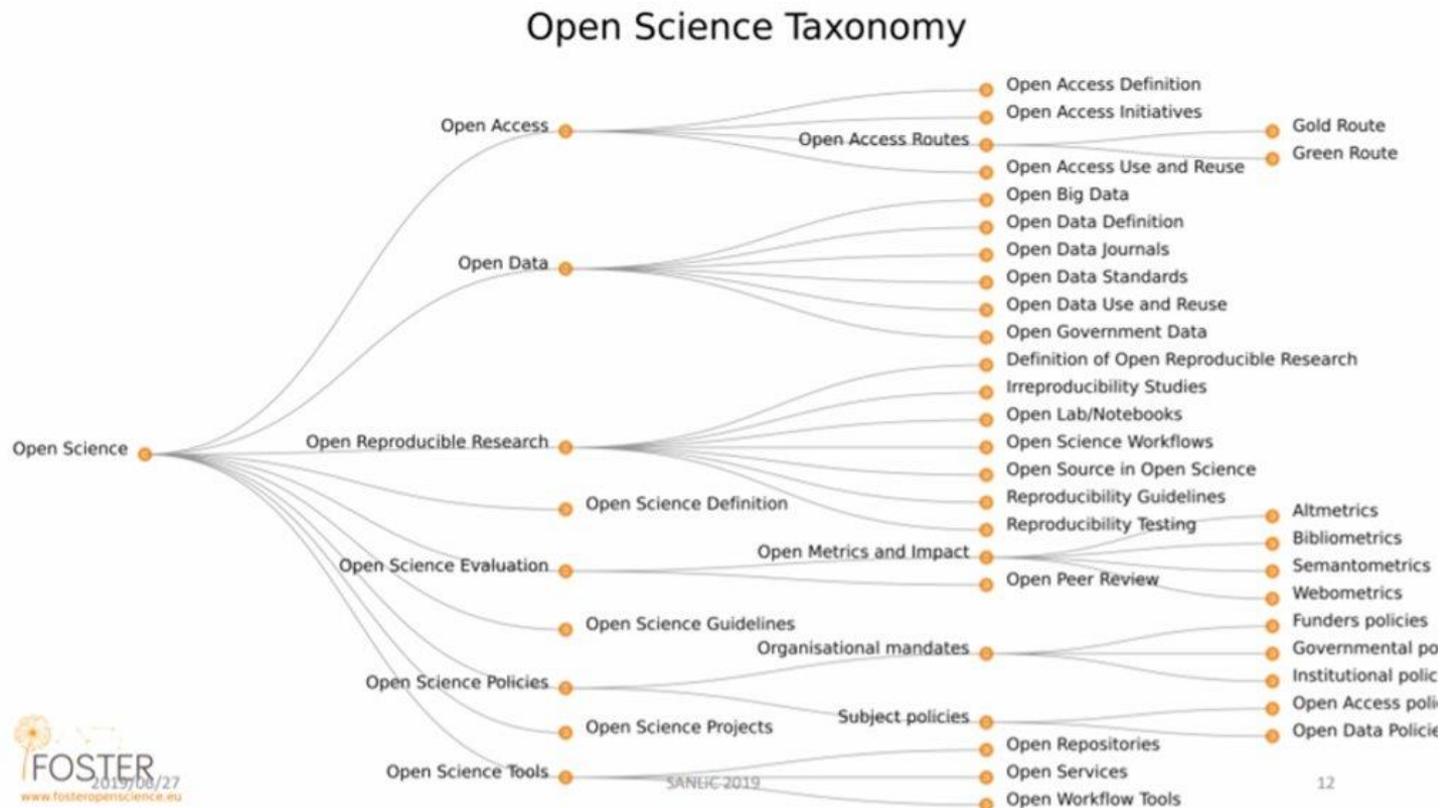
16,946 Authors
8,955 Papers
134,874 Downloads
858,828 Abstract Views

Proceedings solution

SSRN helps conferences & meetings share the early-stage, high quality research presented at an event with a relevant global audience. Proceedings can be accessible online for participants before, during and after the conference. Creating a permanent archive of the proceedings presented at an event extends the life of the research, expands exposure for the event and researchers, and ensures the proceedings are openly accessible and discoverable.

For more information contact conference@ssrn.com.

Long road to Open Science



Research Academy modules on Open Access

Open Access Week: The Open Access Starter Kit to get you going in OA publishing

For this year's International Open Access Week, Research Academy is releasing an **Open Access Starter Kit**: a 3-part module series to give an overview of OA and provide guidance to help you embark on your OA journey.

With these 3 mini-episodes, we define and clarify the buzzwords around OA, explain the costs and fees associated to the OA model, and walk you through the steps leading to your first OA submission. Already familiar with OA publishing? Share this with peers and colleagues who can benefit from this!

<https://researcheracademy.elsevier.com/>



@ResearcherAcad



Fundamentals of open access

Length of module: 15 minutes

The basics of open access as a publishing model: Its origin and history, different types of open access publishing (Gold? Green?) and the benefits of publishing OA.

[Watch Now >](#)



Cost of publishing open access: how and why

Length of module: 10 minutes

The inevitable question about publishing OA—article processing charge (APC). Learn what an APC is, why it is asked for, and what different options you can explore for funding.

[Watch Now >](#)



How to submit and publish an OA article

Length of module: 15 minutes

We walk you through the different stages of open access publishing from finding a journal, submission, peer review, revision and all the way to publication.

[Watch Now >](#)

With a self-paced learning structure, you can easily fit this module into your own schedule.



Appendix

Open Access at Elsevier

Publishers' joint commitment to inclusion

As part of the RSC's joint commitment for action in inclusion and diversity in publishing, Elsevier collaborates with 53 other publishers to:

1. **Understand** our research community
2. **Reflect** the diversity of our community
3. **Share success** to achieve impact
4. **Set minimum standards** on which to build

A statement was published on our journal homepages in mid-2020: In partnership with the communities we serve, **we redouble our deep commitment to inclusion and diversity within our editorial, author and reviewer networks.**



As publishers of research,
we are joining forces to
set a new standard for
inclusion and diversity in
scholarly publishing

#PublishingEquality

Read more at [rsc.li/publishing-equality](https://www.rsc.li/publishing-equality)

<https://www.rsc.org/new-perspectives/talent/joint-commitment-for-action-inclusion-and-diversity-in-publishing/>

Guiding principles for inviting users to self-report diversity data

- **Users are in full control** of their data and can update or delete it at any time.
- **Users have the option to prefer not to disclose**, in compliance with GDPR and Privacy policies.
- Users self-report their data and we store and safeguard it **using a bespoke architecture**.
- Users' data may be used to further diversity but will otherwise be analyzed and reported at **aggregate level**.
- Users' self-reported data **cannot and will not be used during the manuscript review process**.
- We **aim to only capture data we intend to convert to actionable output**.
- The level of aggregation and number of options for each schema parallel the **scale of diversity we can practically accommodate**, e.g., diversity on editorial boards. This is particularly relevant for race & ethnicity.
- Schemas will be **periodically reviewed** and updated as necessary.