

**BSPF
2021**

3rd Basel Sustainable Publishing Forum
Opening Access

25 OCTOBER 2021 | ONLINE

Program Booklet

Organizer



Academic Open Access Publishing
since 1996

Media Partners



publications



JAMS

Journal & Article
Management System

**BSPF
2021**

3rd Basel Sustainable Publishing Forum
Opening Access

25 OCTOBER 2021 | ONLINE

3rd Basel Sustainable Publishing Forum: Opening Access

Virtual

25 October 2021

MDPI • Basel • Beijing • Wuhan • Barcelona • Belgrade • Manchester • Tianjin • Tokyo • Cluj • Toronto •
Bucharest • Novi Sad • Krakow • Singapore • Nanjing



Organizing Committee

Conference Chair

Prof. Dr. Ed Constable

Program Managers

Ms. Aimee Nixon

Ms. Damaris Critchlow

Mr. Brian Boyle

Organized by



Conference Secretariat

Ms. Charlotte Gardini

Ms. Pablo Velázquez

Ms. Sara Ottolini

Mr. Cédric Spinnler

Email: bspf@mdpi.com

Welcome Message

In 2021, all research supported by participating Coalition S funders must be published in open access journals and platforms compliant with Plan S principles. Although great progress has been made to date by all stakeholders in implementing these principles, many challenges still remain.

Plan S attempts to combine thought-leadership, funder coordination and other stakeholder engagement in ambitious ways. First initiated by the European Commission and Science Europe, it nevertheless seeks to set a route for the development of scholarly communications globally, including in the Global South and Asia. Ripples have been made throughout research policy in general beyond Plan S affiliates and supporters, and one of its most important contributions has been to spark renewed debate among stakeholders globally on the future of the scholarly communications landscape:

- What are the necessary adaptations for both legacy and more recently emerging stakeholders to preserve and evolve their roles most effectively?
- What new alliances can be forged along the entire workflow of research and discovery, peer-review and sharing - locally and globally?
- How can novel and existing infrastructures expand the engagement with - and transparency of - this workflow?

The 3rd Basel Sustainable Publishing Forum is intended to bring together stakeholders from across the scholarly communications landscape to discuss the progress of the transition to open, looking to Plan S and other approaches more generally supporting Open Science. The conference will present the different perspectives of policy makers, libraries and publishers and serve as a forum for sharing common challenges and solutions at a time when the discussion on the future trajectory of scholarly communications has never been more prominent, or vital. As the focus moves from subscriptions to APCs, the forum will present global perspectives, and explore some of the new inequalities faced by research communities.

Looking to the future, as more parts of the research workflow become open, the forum will also explore the challenges of operating in an open world and will provide an update on initiatives that have been developed to help communities navigate an open landscape. Topics will include open research infrastructures, preprints and open data.

We would like to invite all relevant stakeholders within the research and scholarly communications community to join us and share their experiences, views and opinions.

We look forward to welcoming you to our virtual conference!

Join the conversation on Social Media



#BSPF2021Virtual

Certificate of Attendance

Upon request, the participants of the event, who have registered on Sciforum, will receive an electronic Certificate of Attendance by email once the event is concluded.

Table of Contents

General Information.....	1
Speakers	6
Program.....	12
Abstracts.....	15
Session 1: Keynote and Stakeholder Perspectives	15
Session 2: Global Challenges	22
Session 3: Open Infrastructure	27

General Information

Conference Chair



Prof. Dr. Ed Constable
Department of Chemistry,
Former Vice-Rector for Research,
University of Basel, Switzerland

Program Managers



Ms. Aimee Nixon
Publisher, MDPI



Ms. Damaris Critchlow
Head of Publications Ethics, MDPI



Mr. Brian Boyle
Publishing Specialist, MDPI

Conference Secretariat



Ms. Charlotte Gardini
Conference Manager, Basel



Ms. Sara Ottolini
Conference Assistant, Basel



Mr. Cédric Spinnler
Conference Assistant, Basel



Mr. Pablo Velázquez
Conference Manager, Barcelona



publications

an Open Access Journal by MDPI

Publications (ISSN 2304-6775) is an international, peer-reviewed, fully open access journal that provides a home for research related to all aspects of scholarly publication and culture. Scholarly publishing is the gateway to the academic record, and it should be studied and critically analyzed in all its dimensions with the same rigor expected of other research. *Publications* aims to provide an interdisciplinary forum for scholars, publishing professionals, librarians, funders, innovative service providers and others to communicate original research on a range of topics that address current issues and inform best practice.

Publications is one of BSPF's Media Partners.

Journal website: <https://www.mdpi.com/journal/publications>



The JAMS publishing platform is a complete publishing solution for open access journals. Efficient, easy-to-use tools are at the heart of successful scholarly publishing, especially in the open access format. We offer support throughout all steps of the publishing process, including the submission system, the journal website, and our production services (format editing, English language editing, full-text XML conversion). We provide tailored solutions to support your publishing operations at any size, whether for single scholar-led journals, society journals, university presses, or larger publishers. Head over to jams.pub to find out more. Check out the demo version at demo.jams.pub or request a discovery call at contact@jams.pub.

JAMS: efficient, scalable, intuitive, customizable, cost-effective.

JAMS is one of BSPF's Media Partners.









What is Sciforum?

Sciforum is an event planning platform that supports open science by offering the opportunity to host and participate in academic conferences. It provides an environment for scholarly exchange, discussion of topics of current interest, building of networks and establishing collaborations.

The Benefits of Sciforum

Sciforum helps conference organizers to run online and physical conferences efficiently. The organizers reduce their administrative efforts thanks to an online tool that supports all aspects of conference organization, including setting up and maintaining the conference website, managing the peer-review process, publishing the conference proceedings, handling and coordinating the conference schedule, registration, billing, sponsors, etc.

We are here to help you to

-  Set up your conference website
-  Handle abstract & full paper submission and peer review
-  Handle online registrations and billing
-  Build your conference program & schedule, record the conference income & expenses
-  Build customized mailing lists
-  Have access to useful data from your conference (participants list, registration details, book of abstracts, etc.)
-  Copy-edit, manage & publish your conference proceedings
-  Manage Awards & post event surveys

For more information, please visit: www.sciforum.net

For any queries, please contact: info@sciforum.net

Speakers

Keynote Speaker



Dr. Kostas Glinos

Head of Unit, Open Science,
Directorate General for Research
and Innovation
& European Commission

Kostas works at the European Commission, where he leads the unit in charge of Open Science in the directorate general for Research & Innovation since 1 June 2019. From 2014 to 2019 he led the unit responsible for EU international cooperation policy in STI and for relations with European Economic Area countries, Switzerland, Russia, Western Balkans, Turkey, all of Asia, Australia and New Zealand. Kostas has been developing EU policy and managing R&D programs in the area of Science, Technology and Innovation (STI) in Brussels since 1992. Policy areas he has dealt with include open science and innovation, collaboration in research, industry-academia interaction, the governance of research commons, public-private partnerships, science diplomacy and international cooperation policy at bilateral and bi-regional level. At various points in time he has been responsible for funding programs in future and emerging technologies, cyber-physical systems, ICT research infrastructure and big research data. In the academic year 2017-2018 Kostas was a visiting Fellow at the Lee Kuan Yew School of Public Policy at the National University of Singapore where he taught regionalism in Europe and in Southeast Asia. Before joining the Commission Kostas worked in the chemical industry in the USA and Belgium, lectured at the University and carried out research in Greece. He holds a PhD in engineering from the University of Massachusetts and an Advanced Professional Certificate in investment management from Drexel University in the USA.

Invited Speakers



Mr. Michael Alexander

European Society of Cardiology,
France

Starting at National Opinion Polls in market research before moving to France in 1998, I became the European Society of Cardiology's (ESC) webmaster, delivering our first Content Management System website in 2003. The print to electronic content transition meant it was a natural move to our publishing program. In 2004, I became the ESC's Head of Publications with a portfolio of seven journals and one textbook. Today, that portfolio has grown to 13 journal titles (including the leading cardiology and cardiovascular system title, the European Heart Journal), 15 books (our flagship title won the 2019 BMA Award for best book in cardiology) and another 2 journals and 5 books in the pipeline. Having just celebrated 20 years at the ESC, more than ever I find the ongoing publishing industry changes both challenging and exciting.

Speakers



**Prof. Dr. Arianna Becerril
García**

Executive Director, Redalyc,
Network of Scholarly Journals
from Latin America, the
Caribbean, Spain and Portugal,
Chair, AmeliCA, Open Knowledge
for Latin America and the Global
South, Professor, Autonomous
University of the State of Mexico

Prof. Dr. García holds a PhD and MSc in Computer Science, Tecnológico de Monterrey, Mexico. And she holds a BA in Computer Engineering, UAEM. She's part of the founding team of the Network of Scientific Journals from Latin America and the Caribbean, Spain and Portugal (redalyc.org) where she is the current Executive Director. Dr Becerril is founder and president of AmeliCA Conocimiento Abierto S.C. She's co-founder of Red Mexicana de Repositorios Institucionales ("Mexican Network of Institutional Repositories"). She's member of the steering committee of InvestInOpenInfrastructure (IOI), and board member in The Global Sustainability Coalition for Open Science Services (SCOSS), she is also part of the council of the Directory of Open Access Journals (DOAJ). Professor Arianna has participated in numerous national and international conferences. Her research interests are Open Access, technologies for scholarly publishing, Artificial Intelligence, Semantic Web and Linked Open Data.



Prof. Dr. Miho Funamori

Information and Society Research
Division, Research Center for Open
Science and Data Platform at the
National Institute of Informatics,
Tokyo, Japan

Miho Funamori is the strategy manager at the Research Center for Open Science and Data Platform newly set up in April 2017 at the National Institute of Informatics in Japan. She makes policy analysis on the world trend of higher education and scholarly communication and gives advice on strategic decisions within NII and beyond. At the same time, she coordinates international and domestic linkages related to research data management. Having worked for ten years at the headquarter of the University of Tokyo giving advice to the administration, she specializes in international higher education policy and university management, and is knowledgeable in the higher education sphere domestically and internationally. She is Board Director of FORCE11 since 2019—a community to discuss the Future of Research Communications and e-Scholarship. Prior to joining the academia, she has worked at the Office for International Cooperation, Ministry of Education, Culture, Sports, Science and Technology (MEXT) and Science and Technology Unit, Mitsubishi Research Institute.



Mr. Jonathan Harle

Director of Programmes, INASP,
Oxford, UK

INASP works with partners across Africa, Asia and Latin America to build more equitable knowledge ecosystems. Jon is responsible for INASP's program strategy and the team that runs INASP's AuthorAID platform, its online learning program for Southern researchers, and partnerships addressing gender and equity in research. In 2019-20 Jon led a consultation on behalf of FCDO, UKRI and NIHR to understand the challenges and opportunities presented by Open Access for Low and Middle-Income Countries, and the possible impacts of UK OA policy (see [report](#)). Jon has worked at the intersections of research capacity, higher education and international development for the last 15 years. He also leads the Transforming Employability for Social Change in East Africa (TESCEA) partnership.

Speakers



Dr. Tiberius Ignat
Scientific Knowledge Services
(SKS), Switzerland

Tiberius Ignat is the Director of Scientific Knowledge Services, a company that specializes in helping European libraries to embrace new technologies and ways of working. He runs in partnership with UCL Press and LIBER Europe a successful series of workshops - Focus On Open Science, now in its sixth year. After being a long-time individual member of LIBER, he became a LIBER Associate through his company where he is now the vice-chair of LIBER Citizen Science Working Group. Tiberius is a member of the European Citizen Science Association and Citizen Science Association (US) and a member of the Scientific Committee for OAI, the CERN - Geneva University Workshops on open science. He was part of the organizing committee of the Sorbonne Declaration on Research Data Rights and is currently doing research on internet tracking in a project which involves citizen scientists. Tiberius Ignat has a personal interest in open science, particularly in citizen science and how open science could remain protected against unethical technologies. He has a PhD in Library and Information Science from the University of Bucharest.



Ms. Iryna Kuchma
EIFL, Lithuania

Iryna Kuchma is the EIFL Open Access Program Manager. Working in collaboration with libraries and library consortia in more than 50 countries in Africa, Asia and Europe, she advocates for open access to research results, facilitates the development and implementation of open science policies and infrastructures, and provides support and training. Iryna also co-chairs the OpenAIRE Community of Practice for Training Coordinators and the OpenAIRE Training and Support Standing Committee. She sits on the boards of directors of the Global Sustainability Coalition for Open Science Services (SCOSS) and the Networked Digital Library of Theses and Dissertations (NDLTD). She serves on the UNESCO Open Science Advisory Committee as an international expert. In addition, she serves on the advisory boards of the Community-led Open Publication Infrastructures Project (COPIM) and Open Access Week. Iryna is a member of the Coalition Publi.ca International Committee, and of the DSpace Community Advisory Team. And she is an Associate Editor for the Directory of Open Access Journals (DOAJ). In 2013, Iryna received the Electronic Publishing Trust (EPT) for Development Annual Award, in recognition of her “efforts in the furtherance of open access to scholarly publications in the developing and emerging countries”.



Dr. Rachael Lamme
CrossRef, Oxford, UK

Rachael Lamme is Head of Strategic initiatives at Crossref. Based in Oxford (but at home for the last year), she worked for Taylor & Francis for six years before joining Crossref in 2012. Rachael worked in Product Management and Community Outreach at Crossref before moving over to the R&D team in 2021. She is more than happy to talk about most things Crossref, but grant registration, data citation and organization identifiers are a good starting point.

Speakers



Dr. David Mellor

COS - Center for Open Science,
Charlottesville, VA, USA

David Mellor leads the Policy and Incentive programs at the Center for Open Science. These focus on rewarding increased transparency in scientific research, such as policies for publishers and funders in the Transparency and Openness Promotion Guidelines (TOP: cos.io/top); preregistration to increase clarity in study design and analysis (cos.io/prereg); removing publication bias with Registered Reports (cos.io/rr); and recognizing increased transparency with badges (cos.io/badges). Before coming to the Center for Open Science, Dr. Mellor worked with citizen scientists to design and implement authentic scientific research (collaborativescience.org) and as the Director of Advising in the Division of Life Sciences at Rutgers University. His research interests include citizen science, behavioral ecology, and meta-scientific inquiry.



Ms. Delia Mihaila

MDPI, Switzerland

Delia Mihaila joined MDPI in March 2013. She previously held the positions of Managing Editor, Publishing Development Manager, and Publishing Director within MDPI. Delia held the CEO position within MDPI previously, from February 2015 to April 2016. She holds a Master of Arts in International Publishing from Oxford Brookes University. Before joining MDPI she worked as Journal Publishing Manager for John Wiley & Sons in the UK, where she was responsible for the strategic development and performance of a large portfolio of journals within the health sciences division. Before obtaining her Master's degree in the UK, she worked as Business Development Manager for a medical publisher in Romania and acquired project management experience being involved in several PHARE European projects.



Mr. Abel L. Packer

SciELO - Scientific Electronic
Library Online / FAPESP Program,
São Paulo, Brazil

Abel co-founded the Scientific Electronic Library Online (SciELO) in 1997, a Program of the São Paulo State Foundation (FAPESP) committed to the advancement of Brazilian scientific research and communication through the open access indexing and publication of a selected collection of quality peer-reviewed journals. The SciELO Publishing Model which adopts open science communication practices operates open access journal collection in 17 countries. Currently Abel is Director of SciELO. He is also Project Coordinator at the Foundation of the Federal University of São Paulo (UNIFESP) and former Director of the Latin American and Caribbean Center on Health Sciences (BIREME/PAHO/WHO). Abel has a bachelor's degree in Business Management and a Master of Library Science with extensive experience in information science, librarianship, information technology, and information management.

Speakers



Dr. Julien Roche
University of Lille, France

Julien Roche is the director of libraries and learning center at the University of Lille, France. He served from 2012 to 2018 first as Secretary General then as Vice-President of the ADBU, the French Association of higher education and research library directors. In July 2018, he was elected as LIBER Vice-President, the main Association of European Research Libraries in Europe. Julien Roche also has several national responsibilities including member of the scientific board of the French national bibliographic agency and co-chair of the “European and international” college of the French Open Science Committee.



Ms. Kathryn Sharples
Wiley, Oxford, UK

Kathryn Sharples is Publishing Development Director at Wiley. During her 15+year career at Wiley she has worked in a variety of editorial roles including leading a global publishing team in statistics & mathematics. Her current focus is on the development and implementation of strategies to enable subject portfolio development and the growth of Wiley’s Open Access journal portfolio. She’s passionate about transparency in the research and publishing process and recently worked to introduce data sharing policies across the Wiley journal portfolio.



Mr. Wilhelm Widmark
Library Director at Stockholm University, Senior Advisor for Open Science to the President of Stockholm University, Director of EOSC Association, Sweden

Wilhelm Widmark is the Library Director of Stockholm University since 2012. He is also Senior Advisor for Open Science to the President of Stockholm University. He has a Master of Arts in literature and a Master of Arts in library and information science from Uppsala University. Wilhelm is active in the Open Science movement in Sweden and Europe. He is the Vice Chairman of the Swedish Bibsam consortia and a member of the Swedish Rectors conference Open Science group. He is also a member of EUAs Expert Group on Open Science and one of the Directors of EOSC Association.

Program

10:30-13:25 CEST	Keynote and Stakeholder Perspectives Session	
10:30-10:35	Ed Constable	Welcome
10:35-11:20	Konstantinos Glinos	Born Open Access: The Horizon Europe Policy for Open Access to Publications in Context
11:20-11:25	Break	
11:25-11:45	Kathryn Sharples	Delivering Open Access at Scale
11:45-12:05	Julien Roche	The French National Plan for Open Science – From Vision to Action
12:05-12:25	Wilhelm Widmark	Will There Be Any Transformation or Are We Stuck with the Transformative Agreements?
12:25-12:35	Break	
12:35-12:55	Michael Alexander	A Rocky Road to Open: A Learned Society's Perspective on Publishing Industry Transformation
12:55-13:15	Delia Mihaila	The View from the Other Side: The Perspective of a Native Open Access Publisher
13:15-13:25	Discussion	

BREAK

14:00-15:40 CEST	Global Challenges Session	
14:00-14:10	Jonathan Harle	Open to Whom and Open for Whom? Ensuring OA Is Open and Equitable for All
14:10-14:30	Miho Funamori	The Pitfalls and Unintended Consequences of Plan S —A Perspective from Non-Plan S Countries
14:30-14:50	Iryna Kuchma	It Matters How We Open Knowledge: Reflections from Eastern Europe and the Global South
14:50-15:10	Abel Packer	Moving from Open Access to Open Science Practices Is a Giant Leap
15:10-15:30	Arianna Becerril-García	Diamond Open Access: An Approach Towards Science as a Global Public Good
15:30-15:40	Discussion	

BREAK

16:20-17:35 CEST	Open Infrastructure Session	
16:20-16:40	David Mellor	The Transparency and Openness Promotion (TOP)
16:40-17:00	Rachel Lammey	The Chicken and the Egg: Open Data to Support Research Data
17:00-17:20	Tiberius Ignat	Open Science - The Culture, the Movement, and Some Particular Challenges
17:20-17:30	Discussion	
17:30-17:35	Closing	

Abstracts

Session 1: Keynote and Stakeholder Perspectives

Born Open Access: The Horizon Europe Policy for Open Access to Publications in Context

Dr. Konstantinos Glinos, Head of Unit, Open Science, Directorate General for Research and Innovation & European Commission

This talk presents the European Commission's Open Access policy for scientific publications for the new framework program for Research and Innovation, Horizon Europe. It presents the vision for born Open Access publications, that is a desired environment where publications are always Open Access from the outset, and presents its details. It places the new policy in the context of the broader open science Commission policy, of the collaboration with funders in cOAlition S and the broader concerns for a sustainable transition to an Open Access publishing environment.



© 2021 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).

Delivering Open Access at Scale

Ms. Kathryn Sharples, Wiley, Oxford, UK

This presentation will cover the ways in which Wiley is embracing the transition to Open Access and making Open Access a reality for authors, librarians and funding bodies. The presentation will touch on the challenges and opportunities that delivering OA at scale presents for mixed model publishers like Wiley.



© 2021 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).

The French National Plan for Open Science – From Vision to Action

Dr. Julien Roche, University of Lille, France

France has set an Open Science Plan in 2018, providing the research community with a coherent and dynamic policy in the field of open science. Substantial progress has been made in the three years since this policy was introduced. The progress already made and the changes in the international context induced France to extend, renew and strengthen its commitments by adopting a second National Plan for Open Science in July 2021, which will take effect until 2024. It extends the scope to include source code from research, structures actions promoting data sharing and openness through the creation of the “Recherche Data Gouv” platform and increases the number of transformative levers available to generalise the practice of open science. The Plan involves initiating a process of sustainable transformation in order to ensure that open science becomes a common and shared practice, encouraged by the whole ecosystem of higher education, research and innovation. The paper will present the ambition of this Second National Plan for Open Science, making the link with the roadmap of a quite advanced university in France regarding open science, the university of Lille.



© 2021 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).

Will There Be Any Transformation or Are We Stuck with the Transformative Agreements?

Mr. Wilhelm Widmark, Library Director at Stockholm University, Senior Advisor for Open Science to the President of Stockholm University, Director of EOSC Association, Sweden

Sweden is one of the countries that was early adopters of transformative agreements. Today we have around 25 national transformative agreements and many universities have their own agreements with different publishers. The goal for Sweden is to reach 100% Open access and we will reach nearly 75% in 2021. One question is how we can reach the missing 25 %. Another bigger question is about the transition. The Rectors conference in Sweden have started a group “Beyond the transformative agreements” with the mission to come up with a strategy to the consortium for negotiations after 2024. As early adaptors we think that the transition period soon should be over and that the publishers must come up with new business models to reach or demands on 100% Open access in a sustainable way. I will talk about the mission and the work of the group.



© 2021 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).

A Rocky Road to Open: A Learned Society's Perspective on Publishing Industry Transformation

Mr. Michael Alexander, Head of Publications, European Society of Cardiology, France

The European Society of Cardiology (ESC) owns the world's largest learned society portfolio of cardiovascular related academic journals. How is the ESC coping with the massively disruptive changes in the scholarly publishing arena? What are the challenges the ESC has faced or still foresees? How aligned might the ESC be with other stakeholders when considering the future? I aim to answer many of these questions during my presentation.



© 2021 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).

The View from the Other Side: The Perspective of a Native Open Access Publisher

Ms. Delia Mihaila, MDPI, Switzerland

Founded in 1996, MDPI have grown to become the largest open access (OA) publisher globally, publishing more than 160,000 papers across 360 journals in 2020. The continued transition to an open research landscape has opened up many benefits for MDPI and other OA publishers. Plan S has helped to accelerate the transition to open, and for many OA publishers this had led to increased demand and the opportunity to innovate and invest in improving services to authors. The focus of Plan S on price transparency frameworks has also helped to increase trust between publishers and authors/funders.

However, despite close alignment with national and funder mandates, it is important to recognize some of the ongoing challenges faced by OA publishers. Despite an acceleration towards an open research workflow, OA publishers and their innovative new business models still face ongoing resistance and criticism from some sectors of the academic community. It is also important to ensure that the requirements of OA publishers are fully represented. In recent times, there has been much focus on 'transformative agreements' as the most immediate model for achieving the transition to OA. Focusing exclusively on 'Publish and Read' deals between subscription publishers and institutions comes at the expense of neglecting OA publishers, who have played a major role in moving scientific publishing away from a subscription-based model. Going forward it is important to ensure that there is a more balanced approach to working towards open research strategies.



© 2021 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).

Abstracts

Session 2: Global Challenges

The Pitfalls and Unintended Consequences of Plan S —A Perspective from Non-Plan S Countries

Prof. Dr. Miho Funamori, Information and Society Research Division, Research Center for Open Science and Data Platform at the National Institute of Informatics, Tokyo, Japan

Plan S is an initiative of mostly research funders with the aim for making full and immediate Open Access to research publications a reality. It perceives the publication paywalls as the major barrier to this aim and tries to establish proper functioning science system fit to digital age. It is run by 28 research funders with national funders being mostly from European continent.

With all its good intentions, Plan S was very responsive to all opinions raised. However, most opinions came from stakeholders directly affected, i.e. mainly from Europe. Most countries whose funders didn't decide for Plan S, hereinafter the non-Plan S countries, didn't express any opinion; in most cases, these countries didn't know what effect Plan S would have on their country and couldn't judge on Plan S.

Now, Plan S being in effect since January 2021, we are gradually seeing how Plan S is affecting the non-Plan S countries. Although it is still too early to tell, this presentation tries to point out some emerging issues Plan S is causing.



© 2021 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).

It Matters How We Open Knowledge: Reflections from Eastern Europe and the Global South

Ms. Iryna Kuchma, EIFL, Lithuania

The theme for this year's International Open Access Week on October 25-31 is "It Matters How We Open Knowledge: Building Structural Equity." It intentionally aligns with the provisionally adopted UNESCO Recommendation on Open Science, of which Open Access publishing is a crucial component. How can we make openness the default for research and to ensure that equity is at the center of Open Access publishing? How can we balance local and global needs and priorities in Open Access policies and practices? This talk will reflect on the EIFL's Open Access work in Africa, Asia and Eastern Europe.



© 2021 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).

Moving from Open Access to Open Science Practices Is a Giant Leap

Mr. Abel L. Packer, SciELO - Scientific Electronic Library Online / FAPESP Program, São Paulo, Brazil

SciELO Program announced its alignment with open science research communication practices in September 2018 during the celebration of its 20 years. What would project as a natural path has been revealed as a highly challenging endeavor. My presentation will focus on how SciELO is dealing with difficulties and barriers to progress to open science modus operandi.



© 2021 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).

Diamond Open Access: An Approach Towards Science as a Global Public Good

Prof. Dr. Arianna Becerril-García, Autonomous University of the State of Mexico / Executive Director, Redalyc / President, AmeliCA

There are several models and diverse strategies that arise in order to make OA a reality. On the one hand, there are approaches that favor inclusion, bibliodiversity and democratization in access and participation in the publication of science. On the other, there are models whose exercise reproduces schemes of epistemic injustice and structural exclusion.

AmeliCA's and Redalyc's efforts are based on the fact that scholarly communication in control of the academy is a much healthier paradigm for the development of science and society and for the long-term sustainability of journal publishing.

Non-commercial Open Access where no fees are involved, neither for readers nor for authors (Diamond OA) is an approach that prevents science to be commodified. It enables scholarly communications to work out of commercial circuits ruled by private interests. It privileges the interests of the academic and scientific community.

The OA Diamond Journals Study, commissioned by Coalition S and Science Europe, found that the number of OA diamond journals is high, and they face various challenges in terms of transparency, sustainability, technical capacity, indexation and visibility and it identified the need of more coordinated efforts in the diamond landscape towards a new Open Access Commons.

So, it is strategic for the research community, universities, libraries, funders to join forces, as well as share and connect individual and institutional efforts to strengthen Diamond OA that guarantees both, publishing is led by the scholarly community and its openness could be sustainable. All leveraged with technology to find more effective methods of communication and deployment of the knowledge generated by different regions, disciplinary fields or languages.



© 2021 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).

Abstracts

Session 3: Open Infrastructure

The Transparency and Openness Promotion (TOP)

Dr. David Mellor, COS – Center for Open Science, Charlottesville, USA

The Transparency and Openness Promotion (TOP) Guidelines provide journals, publishers, and funders specific, modular, tiered recommendations for implementing open and reproducible research practices into their published articles. TOP Factor evaluates the degree to which journals' policies align with the standards recommended by TOP. TOP Factor currently evaluates over 1,000 journals preliminary evidence shows that comparisons between ones' own journals and a peer group of similar journals encourages policy change and implementation of better, more open practices. In this session, David Mellor from the Center for Open Science will give the past, present, and future of TOP Factor.



© 2021 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).

The Chicken and the Egg: Open Data to Support Research Data

Dr. Rachael Lammey, CrossRef, Oxford, UK

Policies, best practices, initiatives, and projects to support the citation and sharing of research data are on the up. As they should be - the curation, sharing, and citation of research data and its relation to other research outputs supports a host of potential benefits. It also provides an opportunity to think about how we measure the use and reuse of research data, what that might mean and how open the data should be around that use and reuse, and what the data about the data means. I'll talk about how developing this understanding alongside other data-related initiatives is key to supporting data correctly within the research ecosystem.



© 2021 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).

Open Science - The Culture, the Movement, and Some Particular Challenges

Dr. Tiberius Ignat, Scientific Knowledge Services (SKS), Switzerland

There has been much discussion about the opportunity to transform the research endeavor into a more transparent enterprise. Yet, gaps remain between rhetoric and practice. The culture and the movement behind this transformation need further alignment, and change management should complement the advocacy programs. What roles do science secrecy continue to play in this transformation? What are the structural changes that are not tackled? How can we distinguish hype from hope? As we move toward open science, there are some particular challenges that require anticipation. Examples are: internet trackers, algorithmic persuasion and Robotic Process Automation (RPA).



© 2021 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).

