

Virtual Seminar

# Open Science & Societal Impact

*20 April, 2022*

*Hosted online via Finland*

Organised by

**AESIS**

NETWORK FOR  
ADVANCING & EVALUATING THE SOCIETAL IMPACT OF SCIENCE

In collaboration with



**ELSEVIER**



National  
Research  
Foundation



ACADEMY OF FINLAND



# OPEN SCIENCE & SOCIETAL IMPACT SEMINAR

In order to advance the impact of science and address global challenges, timely access to credible information sources is imperative. Concealing knowledge behind subscription paywalls can stand as a roadblock towards advancements in innovation, research quality, integrity, efficiency, social welfare, and public trust and engagement. Given this, Open Science is undeniably a growing movement that facilitates further impact of science in our society, yet those who work in supporting impact and those involved in Open Science often operate in separate worlds with their own vocabularies, strategies, and missions

In recent years, many initiatives have been pushing for more transparent and open practices in science, such as with Plan S calling for publicly funded research to be published under an open license. Moving towards open practices in science has no doubt led to efficiency in information-sharing, the democratisation of access to knowledge, and the involvement of the wider public in scientific discourse. However, it also must not be overlooked that the priority to make research findings available openly and quickly (such as through preprint servers) may come at the cost of quality, having not undergone stringent peer-review and potentially (and inadvertently) promote misinformation, and that the shift towards open-access publishing may be introducing new types of inequality within academia.

With these progresses as well as challenges in mind, it is time to bring together the often separate worlds of Open Science and Societal Impact together, to discuss topics such as:

- ◇ How can we better use Open Science for societal good, and how would we evaluate this?
- ◇ What incentivisation strategies & policies may be put in place to stimulate Open Science practices?
- ◇ What are the geopolitical implications of global policies for access to scholarly publications and research data?
- ◇ How can Open Science policies and practices foster public trust and understanding in science?
- ◇ Safe spaces to facilitate open scientific discourse in academia, and between academics and other stakeholder groups;
- ◇ Next steps towards effective knowledge exchange in an international open science landscape.

For this seminar, we had originally planned to bring the discussion of **Open Science & Societal Impact** to Finland, where the 'Declaration of Open Science and Research 2020-2025' has put the themes of Open Access, Open Data, and other pillars of Open Science at the forefront of the Finnish Science Eco-system and research community. However, because of persisting hesitations over an in-person meeting due to the pandemic, we have decided to move this seminar to an online format. Nonetheless, this seminar programme has been developed with Finland as the hosting country in mind, and we look forward to welcoming you to this virtual event to share ideas on bridging the gap between Open Science and Societal Impact in the Finnish science eco-system and beyond.



# ABOUT AESIS

The Network for Advancing and Evaluating the Societal Impact of Science (AESIS) is an international, open community for professionals working on stimulating and demonstrating the impact of science on economy, culture and well-being. Members come from all over the world, where they are involved in the evaluation of impact, research strategy and policy making, science funding, scientometrics, research administration, business creation, public engagement, and many more. We pursue a multi-stakeholder, system-wide approach on an international level, because we believe that stimulating dialogue between different sectors and regions, beyond the project level, will catalyse further development of effective instruments for evaluating and advancing the societal impact of science.

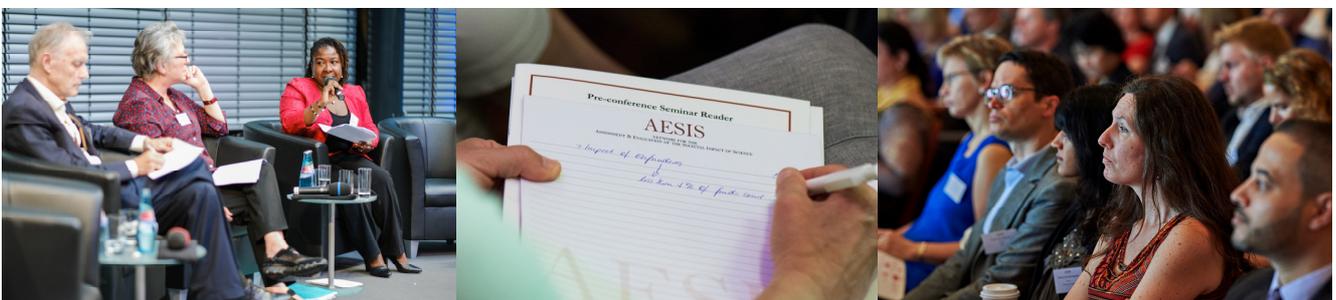
## AESIS Advisory Board

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## INTERACTIVE ONLINE EXPERIENCE

After two years of dealing with the pandemic we are all used to meeting online, and painfully aware of the aspects we miss out on in comparison to in-person events. By including additional short breaks, interactive sessions and informal chat opportunities, we try to make this online seminar as enjoyable and effective as possible. So even though we would have loved to meet you in person, let us look on the bright side: From the comfort of your home you will enter our tailor-made online platform, in which we will welcome you to the lobby with interesting interviews and a look into the workings of the AESIS office. The platform has integrated Zoom for the sessions, so you will all be familiar with the tools, buttons and looks this medium offers, and in the breaks you will be able to visit exhibition booths and walk around in the reception room to video chat with other attendees. With many years of experience in organising online events, we have done our best for you to make this format of the seminar as valuable as possible. Enjoy!



## Wednesday 20 April - Morning

all times in EEST (GMT+3)

9.20 - 9.30 Walk-in

9.30 WORDS OF WELCOME

NORTHERN LIGHTS ROOM

**Anika Duut van Goor** *Director of the organisation for Advancing and Evaluating Societal Impact of Science (AESIS)*

9.40 - 11.50 OPEN SCIENCE FOR SOCIETAL GOOD

NORTHERN LIGHTS ROOM

9.40 **Luke Drury (Chair)** *Vice President & Chair of the Open Science Taskforce, All European Academies (ALLEA)*

9.45 **Federica Rosetta** *Vice President of Academic & Research Relations (EU Division), Elsevier*

10.00 **Sarah de Rijcke** *Scientific Director of the Centre for Science & Technology Studies, Leiden University, the Netherlands*

10.15 **Tshiamo Motshegwa** *Director, African Open Science Platform*

10.30 - 10.50 Break

10.50 **Megha Sud** *Science Officer & Project Lead for Open Science, International Science Council, India*

11.05 Panel discussion led by the Plenary Opening Chair, Luke Drury

11.35 - 11.55 Break

11.55 - 13.10 STIMULATING & EVALUATING IMPACT OF OPEN SCIENCE PRACTICES

Incentives for Open Science

☞ Midnight Sun Room ☞

*Incentivisation strategies & policies that may be put in place to stimulate Open Science*

**Kostas Glinos (Chair)**  
*Head of Unit for Open Science,  
European Commission*

**Erika Lilja**  
*Flagship Manager, Inequalities, Interventions and New Welfare  
State Flagship (INVEST), University of Turku, Finland*

**Max Dumoulin**  
*Vice President of Portfolio Innovation,  
Research Intelligence Department, Elsevier*

Ethical Research

☞ Polar Night Room ☞

*Safe spaces to facilitate open scientific discourse in academia, and between academics and other stakeholder groups*

**Britt Holbrook (Chair)**  
*Associate Professor, Department of Humanities,  
New Jersey Institute of Technology, U.S.A.*

**Lambert Heller**  
*Head of Open Science Lab, Leibniz Information Centre  
for Science & Technology University Library, Germany*

**Ana Persic**  
*Senior Programme Specialist, UNESCO, France*

13.10 - 14.10 Lunch Break

## Wednesday 20 April - Afternoon

all times in EEST (GMT+3)

### 14.10 - 15.25 POLICIES & PRACTICES FOR OPEN ACCESS, DATA & PUBLIC TRUST IN SCIENCE

#### Open Access & Open Data

☞ Midnight Sun Room ☞

*Examining geopolitical implications of global policies for access to scholarly publications and research data*

**Johan Rooryck (Chair)**

*Executive Director of cOAlition S &  
Professor of French Linguistics, Leiden University, the Netherlands*

**Eva Mendéz**

*Chair, European Open Science Policy Platform*

**Faranah Osman**

*Executive Director: Information Technology & Knowledge Resources,  
National Research Foundation, South Africa*

#### Public Understanding & Trust in Science

☞ Polar Night Room ☞

*How Open Science policies and practices may foster public trust and understanding in science, and what structures are needed*

**Tim Errington (Chair)**

*Director of Research,  
Center for Open Science, U.S.A.*

**Arij Al Chawaf**

*Executive Director of Strategic Initiative Development,  
University of Toronto, Canada*

**Pen-Yuan Hsing**

*Open source, open science, and citizen science researcher & advocate,  
University of Bath, United Kingdom*

### 15.25 - 15.45 Break

### 15.45 - 17.15 NEXT STEPS TOWARDS EFFECTIVE KNOWLEDGE EXCHANGE IN AN INTERNATIONAL OPEN SCIENCE LANDSCAPE

### NORTHERN LIGHTS ROOM

#### 15.45 Recommendations from the parallel sessions and closing panel discussion

Based on the valuable exchange of knowledge and ideas in the parallel sessions, a recommendation will be formulated by the Chair of each session and presented at the closing panel. The Panellists will respond to each recommendation before going into a free-form Q&A and discussion.

**Chair of the Closing Panel: Heather Joseph**

*Executive Director, Scholarly Publishing and Academic Resources Coalition (SPARC), U.S.A.*

**Parallel Session Chairs:**

**Britt Holbrook** *Associate Professor, Department of Humanities, New Jersey Institute of Technology, U.S.A.*

**Johan Rooryck** *Executive Director, cOAlition S, the Netherlands*

**Kostas Glinos** *Head of Unit for Open Science, European Commission*

**Tim Errington** *Director of Research, Center for Open Science, U.S.A.*

**Additional panelists:**

**Arianna Becerril-Garcia** *Executive Director, Redalyc, Mexico*

**Jyrki Hakapää** *Senior Science Advisor, Academy of Finland*

#### 17.00 Closing Remarks by AESIS

### 17.15 End of Seminar

### Online Reception