

Accelerating the Adoption of Open Science

**10 July, Day 1: Strategic Plans
and Policies**





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NASA Transform to Open Science



This Week:

Day 1: Strategic Plans and Policies

Day 2: Open Data Sharing

Day 3: Open Source for Open Science

Day 4: Reproducible, Reusable and Rewarding Science

Day 5: Towards Open Science



Summit structure:

Morning discussions

Afternoon working clinics

Coffee Break - sign up clinics at registration desk

Rooms assigned at Lunch and posted by registration desk





Charlotte Warakaulle

CERN Director for International Relations





Kevin Murphy

NASA Chief Science Data Officer





National Aeronautics and
Space Administration

WELCOME!

CERN / NASA Open Science Summit





PANEL 1A

DEVELOPING OPEN SCIENCE POLICIES



PANEL CHAIR

Chris Bourg

Director of Libraries, MIT
Founding Director, Center for Research on Equitable
and Open Scholarship (CREOS)

PANEL SPEAKERS

Arianna Becerril-García

Professor, Autonomous University of the State of Mexico
Executive Director, Redalyc
President, AmeliCA

Ana Persic

Senior Programme Specialist, UNESCO





COFFEE BREAK





PANEL 1B

ANALYSIS OF OPEN SCIENCE POLICIES

PANEL CHAIR & SPEAKERS

Michael Arentoft, European Commission

Josh Greenberg, Alfred P. Sloan Foundation

Bob Hanisch, National Institute of Standards and Technology

Heather Joseph, SPARC

Nokuthula Mchunu, African Open Science Platform

Brian Nosek, Center for Open Science

Greg Tananbaum (moderator), Open Research Funders Group



Session Goals

- Provide perspective into where open science is as a field right now
- Offer informed insight on what we can accomplish through coordination & collective action
- Share good practices and tough lessons learned in the development and implementation of open science strategies
- Set the tone for what this week can generate





Summit Closing Statement





Summit Closing Statement

- Shared roadmap for how we can lead within our communities, geographies, disciplines, etc.
- Commitment to developing context-specific guidance across crucial aspects of open science
- Acknowledgment that we may have different approaches and timelines
- Understanding that we should be *open* about our plans and progress

Explore the Closing Statement @ bit.ly/3rgxm40



Closing Statement Deep Dive - Preamble

who we are

what motivates us

As **key members of the research ecosystem**, we **aspire to** advance discovery; promote responsible and ethical practices; foster a vibrant future within and across disciplines; train and nurture future generations of researchers; and expand diversity, equity, inclusivity, and accessibility. To these ends, and acknowledging that there are differences across disciplines, geographies, and communities, we affirm our support for the open sharing of research and scholarship as a **key enabler of these core values**. We commit to **accelerating the transition** to a more open, equitable, secure, and sustainable ecosystem by **developing context-specific guidance** on the following:

why we care about open science

what we're doing about it

how we're going to do it



Closing Statement Deep Dive - Developing Guidance

- Supporting and sustaining open infrastructure, including but not limited to data repositories, code and software repositories, ontologies, and tools that enable machine reading and data mining.
- Providing training opportunities and resources to current and next generation researchers on good open research and scholarship practices, including, but not limited to, FAIR and CARE data sharing, data management plans, preregistration, preprinting, and self-archiving of papers and other research outputs such as software and code.
- Aligning awards and recognition schemes to promote a culture of open research and scholarship.



Closing Statement Deep Dive - Developing Guidance

- Devising recommendations for colleges and universities as well as non-university based research labs and organizations to properly evaluate and incentivize good open research and scholarship practices for the purposes of hiring, review, tenure, and promotion.
- Promoting direct links among open research and scholarship; broader societal impacts; diversity, equity, inclusivity, and accessibility; community engagement; and organizational missions.
- Engaging with others in the research ecosystem — including governmental agencies, academic institutions, philanthropic organizations, professional societies and associations, publishers, industry, and others — to align policies and procedures in a manner that harmonizes, catalyzes, and scales the open sharing of research and scholarship.



Closing Statement Deep Dive - Closing

moving from talking to doing

Additionally, to ensure that our words are **backed by actions** and that our processes are in accordance with the **values articulated herein**, we commit to **working within our organizations and communities** to develop **public plans** articulating the steps we can take to facilitate open research and scholarship. While such plans will differ in approaches and timelines, we intend to **share progress publicly**.

open is as open does



**It's a lot to take in, but
we are here to help**





LUNCH

BREAK



Clinic 1: Strategic Action Plans

TOPICS

- 1.1. Assessing Existing Policies**
- 1.2. Creating a Policy Resource**
- 1.3. Strategic Action Plan development**
- 1.4. Open Science Policy development**
- 1.5. OpenAIRE Policy Workshop A**

ROOMS





COFFEE BREAK



Clinic 1: Review Strategic Action Plans

TOPICS

- 1.1. Assessing Existing Policies**
- 1.2. Creating a Policy Resource**
- 1.3. Strategic Action Plan development**
- 1.4. Open Science Policy development**
- 1.5. OpenAIRE Policy Workshop A**





THANK YOU

