

YEAR OF
OPEN SCIENCE

NSF 23-141: IOS Planning Workshops

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NSF Public Access



NSF 23-141 Dear Colleague Letter: Innovations in Open Science (IOS) Planning Workshops (nsf23141) | NSF - National Science Foundation

- Contact one of the POCs (see below) to express interest
- Submit a Concept Outline to one of the POCs
- ✓ The outline should include a list of the co-PIs and organizers of key portions of the workshop and offer a plan to ensure broad community engagement in the workshop, as well as plans for the creation and dissemination of the written report.
- NSF approval is required to submit the proposal; a copy of the approval-to-submit email should be included in the proposal packet as a supplementary document.
- The title of the proposal should begin with " Innovations in Open Science (IOS) Planning Workshop:"

POINTS OF CONTACT

Dr. Tai-Yin Huang, thuang@nsf.gov (Geospace Science, AGS)

Dr. Chungu Lu, CLU@nsf.gov (Atmospheric Science, AGS)

Dr. Benjamin Brown-Steiner, bebrowns@nsf.gov (Atmospheric Science, National Center for Atmospheric Research (NCAR) and Facilities, AGS)



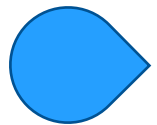
Conference Proposals on Data Infrastructure & Open Science

- Check out *NSF Proposal & Award Policies & Procedures Guide* ([Chapter II: Proposal Preparation Instructions - Proposal & Award Policies & Procedures Guide \(PAPPG\) \(NSF 23-1\) | NSF - National Science Foundation](#)) to prepare your conference proposal
- This is an opportunity for the community to discuss needs, best practices, and resources needed to address their data infrastructure needs in order to achieve the objective of open and equitable research.
- The budget of a conference proposal is generally limited to \$50,000. Budget exceeding \$50k and under \$100k may be supported.

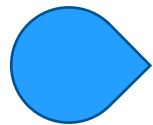


Planning Your Workshop Proposals

- Identify critical needs for innovations in data infrastructure
- Can be for a broad community or for a specific community with a common theme (hubs)
- A report that summarizes the conclusions arrived at by the conference participants and addresses the identified gap
- Plans for the creation and dissemination of the written report, submitted to NSF no later than three months after the completion of the workshop.



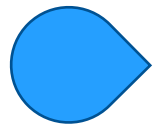
Demonstrating community engagement



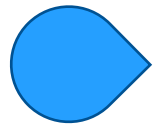
format of the conference (in-person, online, hybrid)



community need and buy-in



in-depth interactions



a written public-access report (in 3 months)



gap analysis & recommendations



Other Open Science Funding Opportunities

- NSF Geospace section welcomes community workshop proposals on data infrastructure and open science/data.
- NSF 23-529: **Research Coordination Networks (RCN)**
- NSF 23-556: **Pathways to Enable Open-Source Ecosystems (POSE)**
- NSF 23-046: **Advancing Research in the Geosciences Using Artificial Intelligence (AI) and Machine Learning (ML)**



Public Access to Federally-Funded Research

2013: OSTP "Holdren" Memo

- agencies to develop Public Access plans
- research results to be made publicly available, including peer-reviewed publications and digital data
- allowed for a 1-year embargo

current policy

2015: NSF 15-52

- Published, peer-reviewed articles are uploaded and publicly accessible through the **NSF PAR** (Public Access Repository); PI uploads them via annual reporting
- **AAM** (author accepted manuscript) or the **VOR** (version of record) satisfy the public access requirement



Submit New Journal or Juried Conference Paper

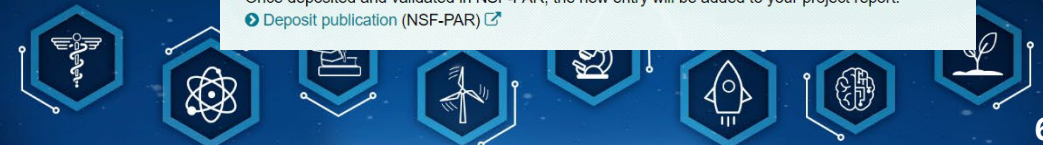
[< Back to Products](#)

* Required fields

* Product Status
Published

Published journals or juried conference papers need to be deposited in the NSF Public Access Repository. Once deposited and validated in NSF-PAR, the new entry will be added to your project report.

[Deposit publication \(NSF-PAR\)](#)



Public Access to Federally-Funded Research

2022: OSTP “Nelson” Memo

- agencies to update Public Access plans
- calls for **Free, Immediate, and Equitable** public access
- default **zero-embargo** of peer-reviewed articles and underlying data

2023: NSF “Public Access 2.0”

- Updated plan for policy changes was submitted to OSTP at end of February
 - Expecting comments by end of April
 - Complex series of requirements with multi-step roll-out
 - Several critical implementation decisions are still under development
- **EQUITY concerns a primary driver** in NSF policy and implementation



Unpacking the 2022 memo guidance

CURRENT: NSF15-52

Jan 2025

Jan 2027

WHAT

Peer-reviewed publications resulting from NSF funding

Peer-reviewed publication [and conference proceedings](#) resulting from NSF funding

Peer-reviewed publication and conference proceedings resulting from NSF funding
Data undergirding above

+ [Data undergirding above](#)

+ [PIDs and linkages to above](#)

HOW

Submission to NSF-PAR via annual reporting (RPPR) by PI

Submission to NSF-PAR via annual reporting (RPPR) by PI

Submission to NSF-PAR via annual reporting (RPPR) by PI

+ [Deposition of data to an external repository and recording DOI in NSF-PAR by PI](#)

Deposition of data to an external repository and recording DOI in NSF-PAR by PI
+ [Additional PID information](#)

AND

Recent NSF-PAR update allows documentation of datasets via digital object identifier (DOI)

Implementation plans for these policy changes in development now

Plans for these changes due to OSTP in 2026, for implementation in 2027

