

2023

NASA's Year of Open Science

NASA Transform to Open Science Initiative

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2023

The United States White House announces

2023: A Year of Open Science

◆ CDC ◆ DOA ◆ DOC ◆ DOE ◆ DOT ◆ EPA ◆ GSA ◆ NASA ◆ NEH ◆ NI
ST ◆ ◆ NOAA ◆ NSF ◆ Smithsonian ◆ State ◆ USDA ◆ USGS ◆



<https://open.science.gov/>

A multi-agency initiative across the US Federal Government to spark change and inspire open science engagement through events and activities that will advance adoption of open science.

Progress to date:

- ◆ White House recognizes 2023 as a Year of Open Science
- ◆ 16 US Agencies join, representing >\$100B in science funding
- ◆ White House [Fact Sheet](#)
- ◆ Federal definition of open science
- ◆ 4 goals for A Year of Open Science
- ◆ Options paper for Federal Agencies
- ◆ Website: <https://open.science.gov/>
- ◆ Nature: [article](#)



A spark to change the culture of science



Definition:

Open science is the principle and practice of making research products and processes available to all, while respecting diverse cultures, maintaining security and privacy, and fostering collaborations, reproducibility and equity.

Goals to advance equitable open science:

1. Establish strategic approaches
2. Engage historically excluded communities in open science and research
3. Increase openness and transparency in review processes
4. Account for open science activities in reviews, recognition, and incentives

<https://bit.ly/3Prova3>



NASA's Transform to Open Science (TOPS)



A 5-year mission to accelerate
adoption of open science

Objectives:

- Increase understanding and adoption of open science principles and techniques
- Broaden participation by historically excluded communities
- Accelerate major scientific discoveries



Engagement



Resources



Incentives



Coordination



Learn more at: <https://nasa.github.io/Transform-to-Open-Science/>

Why get a digital NASA Open Science Badge?



Designed to provide researchers with **core open science skills**:

- How to write data/software management plans
- Know about open science tools and best practices (e.g. ORCID)
- Grow connections across a community of open science practitioners

Open Science 101: A **community-developed** introduction to open science with inclusivity, accessibility, and diversity at the forefront.

Enroll now !

