

The State of Open Data 2022

The longest-running longitudinal survey and analysis on open data

Open science is key to advancing discovery and furthering scientific progress for an accelerated and more effective research system. As proactive partners driving the transition to open science, Springer Nature and Figshare believe that research data should be open, accessible and reusable, to help speed up the pace of discovery and benefit society.

To better understand the current landscape, Springer Nature, Digital Science, and Figshare published the seventh annual State of Open Data report, based on over 5,000 responses from the global research community about motivations, challenges, perceptions, and behaviours toward open data.

The 2022 report features contributions from key stakeholders in the current open data landscape, including funders and policy makers at the NIH and the Computer Network Information Center, Chinese Academy of Sciences (CNIC, CAS), as well as open science implementers and facilitators from publishers and universities around the world.

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The Government and the research institutions, at present, are the two primary policy makers for open data in China. They have a leading role in the construction of an open data environment, including legislative works, specific practices, and culture building.

Yuanchun Zhou and Lulu Jiang
Computer Network Information Center,
Chinese Academy of Sciences

The NIH has a vision of making NIH funded research data more discoverable, usable, and citable.

NIH is also aware that not just technological advancement, but behavioral change is also necessary to advance data science goals

**Ishwar Chandramouliswaran, Taunton Paine,
Amy Hafez and Susan Gregurick**
NIH

The development of an open data strategy for the sharing of data that is informed by 'Data for Good' principles

Samuel Simango, Stellenbosch University

As publishers, libraries and institutions themselves are also the subjects of the aforementioned top down initiatives and mandates, they have an essential responsibility and role to play in the progression and increased adoption of open data practices and principles.

Laura Day, Figshare
Greg Goodey, Springer Nature

As publishers, we are committed to supporting researchers in the handling and sharing of their research data, and ensuring they get appropriate reward and credit for their work.

Matthew Cannon, Taylor & Francis
Dr. Rebecca Grant, F1000
Kate McKellar, Wiley

The goals of open data and more broadly open research are noble. They are essential for a more equitable society and level playing field for all. This does, however, mean a more administrative process for researchers in making their outputs open.

Mark Hahnel, Figshare

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respondents are in favour of research data being made openly available as common practice

36%

of researchers are seeking more help on how to comply with funder policies

67%

of researchers said that it would be citation of their research papers that would motivate them to share their data

72%

of researchers said they would rely on an internal resource for help with managing or making their data openly available

70%

of respondents said they were required to follow a policy on data sharing for their most recent piece of research

75%

of researchers said they receive too little credit for sharing their data openly



scan to read the report

The full report is available now!

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