CHORUS

ANNUAL REPORT 2022

MESSAGE FROM THE EXECUTIVE DIRECTOR

Greetings to CHORUS Members, Partners, and Friends,

CHORUS is dedicated to making open research work! Quality metadata and stakeholder collaboration are crucial for the successful implementation of the OSTP Public Access memo of August 2022 and the evolution of open access of scholarly content and data. Our efforts in 2022 focused on key areas of community advancement to support our stakeholders, including:

- Adding 749,654 new publication records to the CHORUS tracked index, an increase of 17% compared to prior year's figure.

- Partnering with AGU and NSF to further open data citation best practices and with preprint servers to discover trends in the research use of publicly funded preprints, datasets, and software.

- Convening a series of successful forums with cross-industry stakeholders to increase awareness, engage dialogue, identify shared concerns and opportunities, and promote industry collaboration that will advance metadata infrastructure needs.

We invite you to explore the many ongoing and completed projects in the pages that follow. CHORUS continues its mission to enable, support, and improve the infrastructure of open research for the benefit of society. In this spirit, we thank CHORUS members and partners for their ongoing collaborative support and look forward to the new partnerships and initiatives ahead.

Stay safe and stay in touch!

Howard Ratner
Executive Director, *CHORUS*

OUR MISSION

CHORUS is creating a future where the output from funded research is easily and permanently discoverable, accessible, and verifiable by anyone in the world. By providing the necessary metadata infrastructure and governance to enable a smooth, low-friction interface between funders, authors, institutions, and publishers in a distributed network environment, CHORUS can minimize open and public access compliance burdens while increasing access to literature and data in support of funder mandates worldwide.

MAKING OPEN RESEARCH WORK

CHORUS connects funders, publishers, institutions, and the public from across the open research ecosystem to share knowledge, develop solutions, advance innovation, and support collective efforts.

WHAT WE DO

- Provide trusted information about the outputs of funded research
- Help funders, institutions, publishers, and the public see, find, and understand the status of the outputs of funded research
- Identify research outputs that are easily and permanently discoverable and accessible by anyone in the world
- Minimize compliance burdens for researchers, institutions, funders, and publishers
- Deliver optimized search and dashboard services for monitoring and compliance

HOW WE DO IT

Collect information about published articles and data, and provide visualization tools that help users understand these outputs related to funded research.

Use open technologies to optimize content discovery, long-term accessibility, funder identification, compliance monitoring, and dashboard reporting.

Interoperable with other public-access delivery solutions, agency search portals, publisher platforms, and scholarly repositories and archives.

2022 ACHIEVEMENTS

Scaling OA Compliance
- Enhanced our monitoring and reporting to include preprints
- Conducted a pilot with ChemRxiv that transitioned to a new preprint service
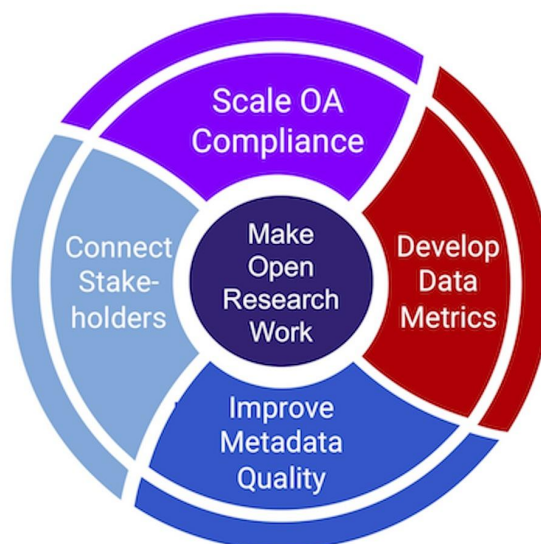- Completed a full-text harvesting assessment

Developing Data Metrics
- Completed work with the American Geophysical Union on a two-year National Science Foundation (NSF) grant designed to further open data citation best practices, and to ensure that NSF earth science data is publicly accessible, linked to publications and grants, and credited
- Developed institution dataset / software metrics

Improving Metadata Quality
- Improved metadata coverage of datasets
- Analyzed and identified gaps in metadata coverage for member publishers and funder participants
- Monitored the CHORUS Data Availability Policies Index and CHORUS Software Citation Policies Index
- Signed an agreement with CSIRO to explore research resources
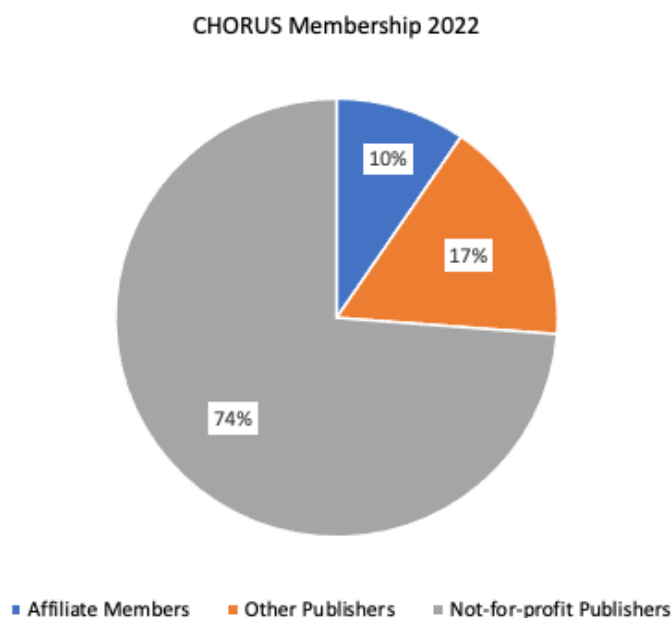
Connecting Stakeholders
- Convened successful forums with cross-industry stakeholders to increase awareness, engage dialogue, identify shared concerns and opportunities, and promote industry collaboration to advance data infrastructure and value metrics to improve metadata
- CHORUS working groups continue to meet regularly with stakeholders
- Continued fostering an excellent working relationship with DataCite via our Memorandum of Understanding (MOU)
- Engaged with our community through presentations by both staff and the CHORUS Academic Working Group to help them understand compliance and metadata issues related to funded research
- Launched our publisher partner society engagement program

CHORUS COMMUNITY

Membership

CHORUS membership is composed of publishers, industry organizations and vendors that support the publishing enterprise. Our publisher members are diverse, representing scientific societies, commercial publishers and academic presses. They are both large and small, offering both open access and subscription models, and the majority are nonprofits.

CHORUS Membership 2022

- Affiliate Members
- Other Publishers
- Not-for-profit Publishers
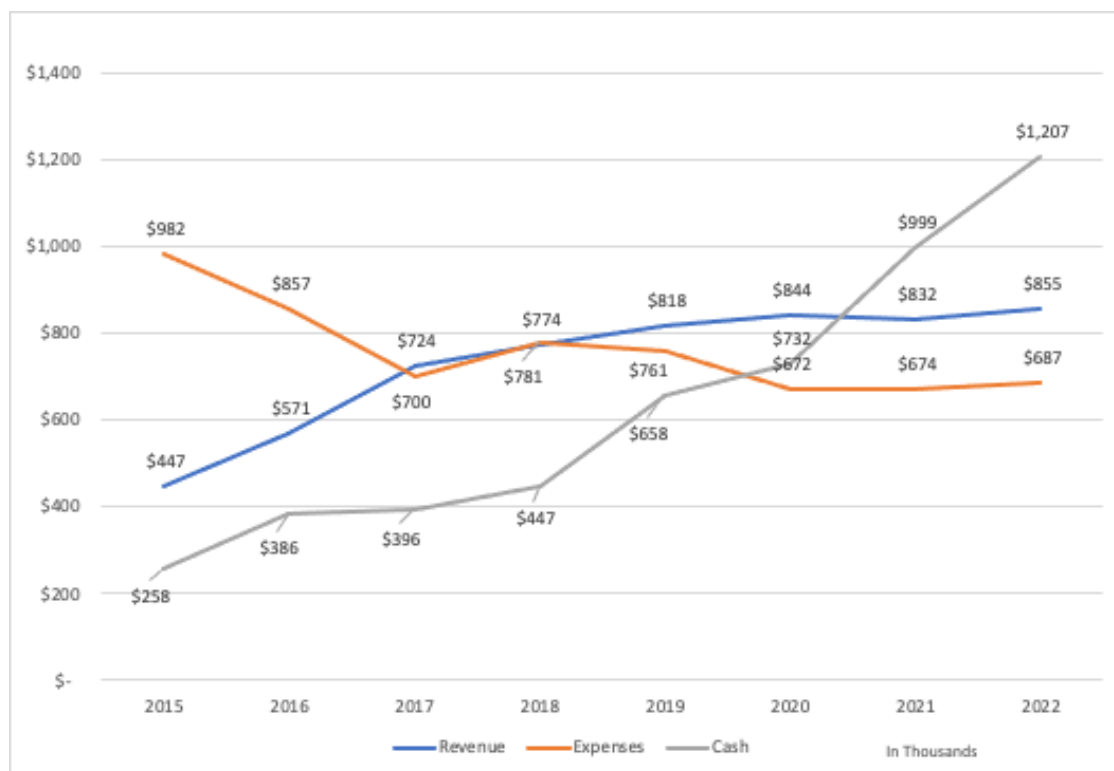
Funding Agencies

CHORUS provides comprehensive data and tracking information on the published research of funding agencies world-wide. CHORUS publisher members have an obligation to identify articles reporting on funded research from CHORUS funding agency partners and are obligated to make either accepted manuscripts or version of records of these identified articles openly accessible immediately or after an embargo period according to the member's license terms. Funding agencies have an obligation to link to the openly accessible articles on the publishers' sites.

Institutional Subscribers

Academic and Research Institutions in the US, Japan, and Australia subscribed to the CHORUS Institution Dashboard service to help them track faculty output and open access compliance for content and datasets reporting on funded research.

FINANCIAL OVERVIEW

The majority of CHORUS' revenue comes from membership. Additional contributions from our institutional and agency dashboard services, forum sponsorships, and grant awards help to diversify revenue streams.

CHORUS BOARD OF DIRECTORS, DECEMBER 2022

Alix Vance, AIP Publishing (Chair)

John Ochs, American Chemical Society (Treasurer)

Jenny Peng, Oxford University Press (Secretary)

Nick Campbell, Springer Nature

Scott Delman, Association for Computing Machinery

Mark Doyle, American Physical Society

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Judy Russell, University of Florida, Gainesville

Will Schweitzer, Silverchair Science + Communications

Christopher Straub, GeoScienceWorld

Diane Sullenberger, Proceedings of the National Academy of Sciences

CHORUS STAFF

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