

# World Data System of the International Science Council

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[www.worlddatasystem.org](http://www.worlddatasystem.org)



**International  
Science Council**



# WDS Mandate and Mission

- To promote long-term stewardship of, and universal and equitable access to, **quality-assured scientific data and data services, products, and information**
- To coordinate and support **trusted scientific data services** for the provision, use, and preservation of relevant datasets, while strengthening their links with the research community.



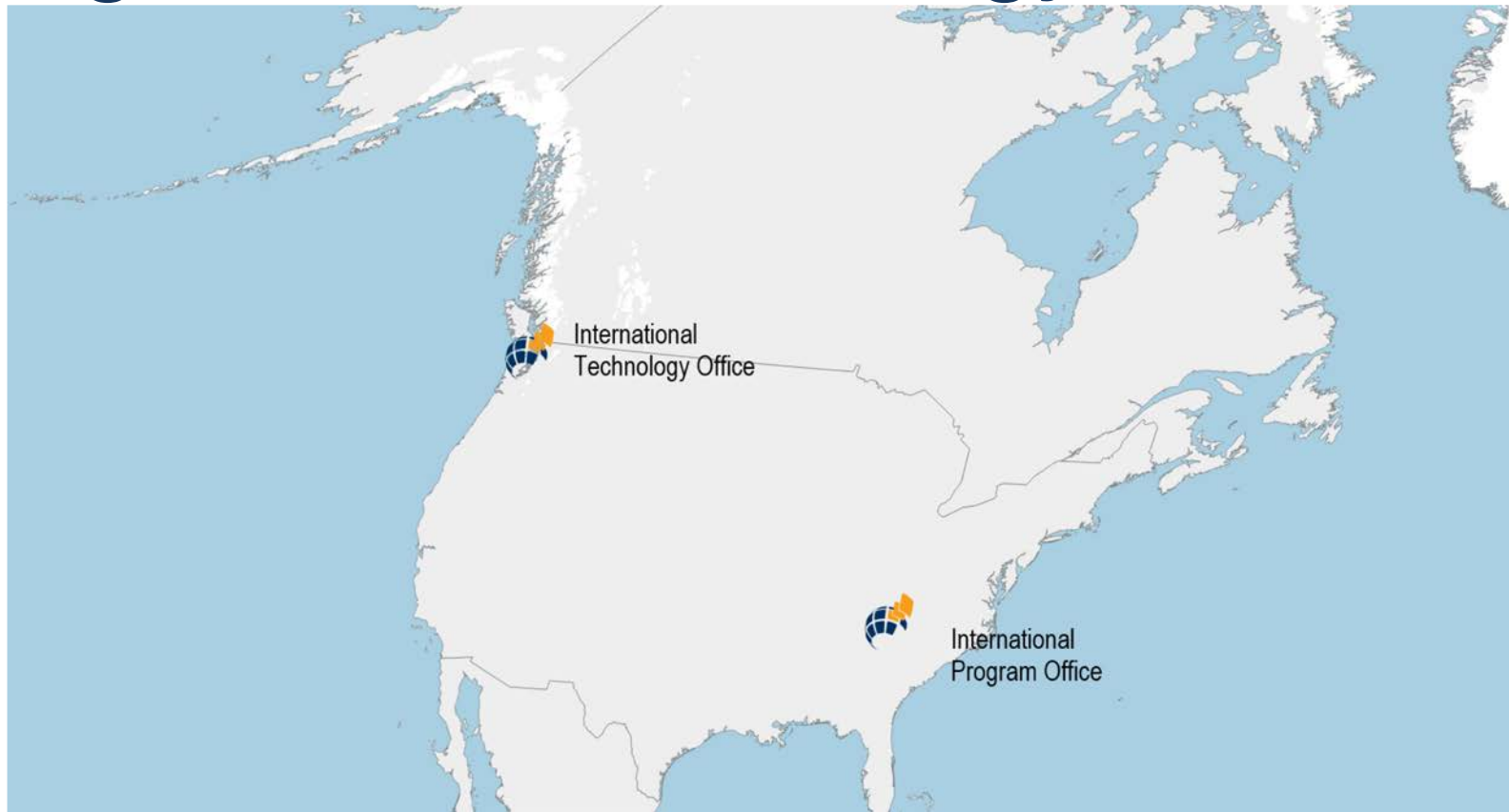
**International  
Science Council**



# Scientific Committee



# Program and Technology Offices



# Funding



**Digital Research  
Alliance** of Canada

**Alliance de recherche  
numérique** du Canada



International  
Technology Office



International  
Program Office

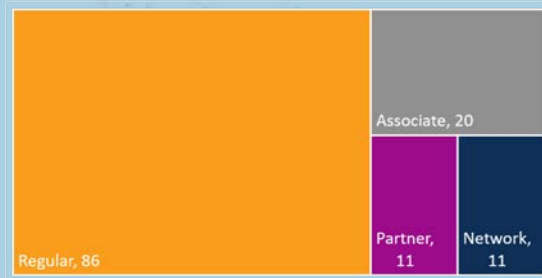


U.S. DEPARTMENT OF  
**ENERGY**



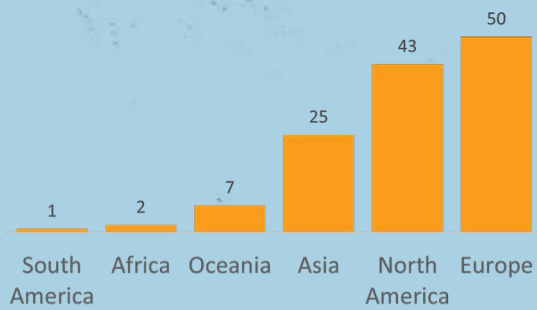
WORLD  
DATA SYSTEM

# Members



(as of 2022-02-14)

# Members

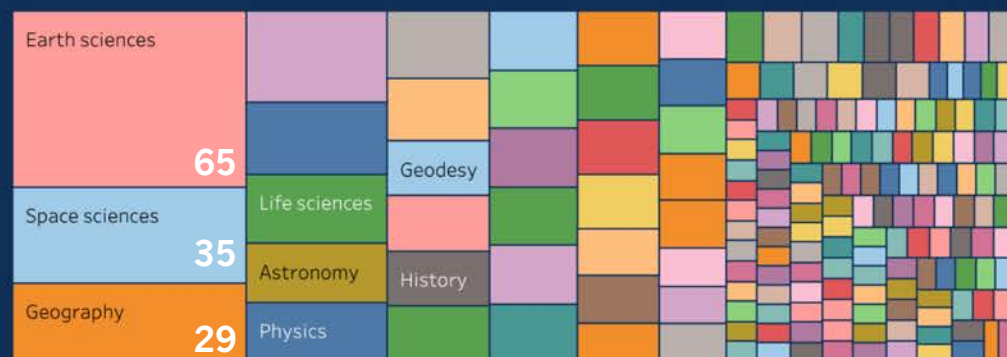


(as of 2022-02-14)

# Members (as of 2019)

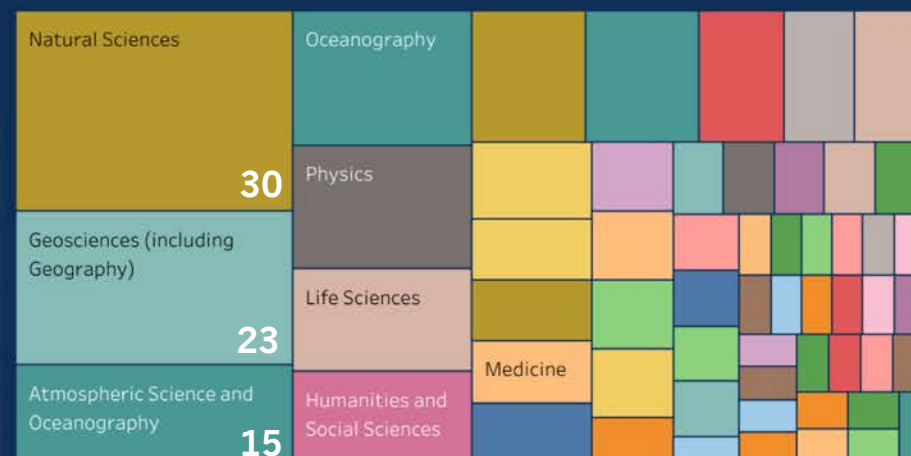
## World Data System Repositories..

### WDS Tags



re3data Tag N. 2019-01-01

### re3data Tags



WDS Tag N. 2019-01-01

# WDS Core Services

## ITO

Technical advice and services supporting data managers:

- WDS contribution to the Global Research Data Infrastructure (GDRI)
- Federated Search
- Semantic alignment
- Data and Software Interoperability

## IPO

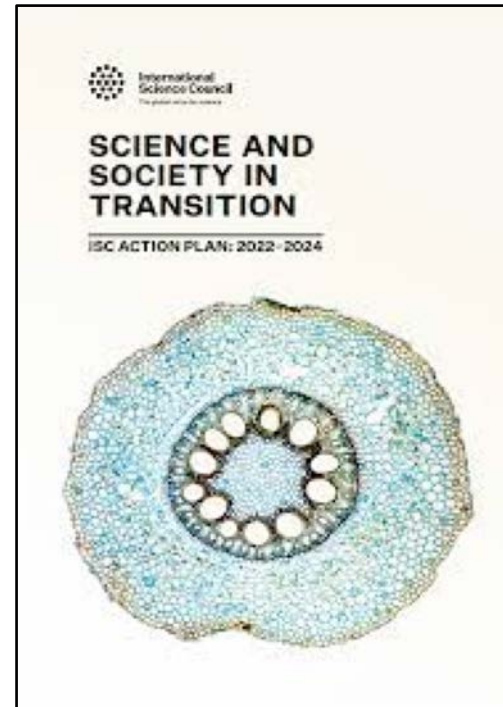
- Members Forum
- Early Career Researchers and Scientists Network
- Data portal of WDS members metadata catalogs
- WDS Data Stewardship Award and WDS-ITO Data Prize
- Offers trainings as requested



# International Science Council



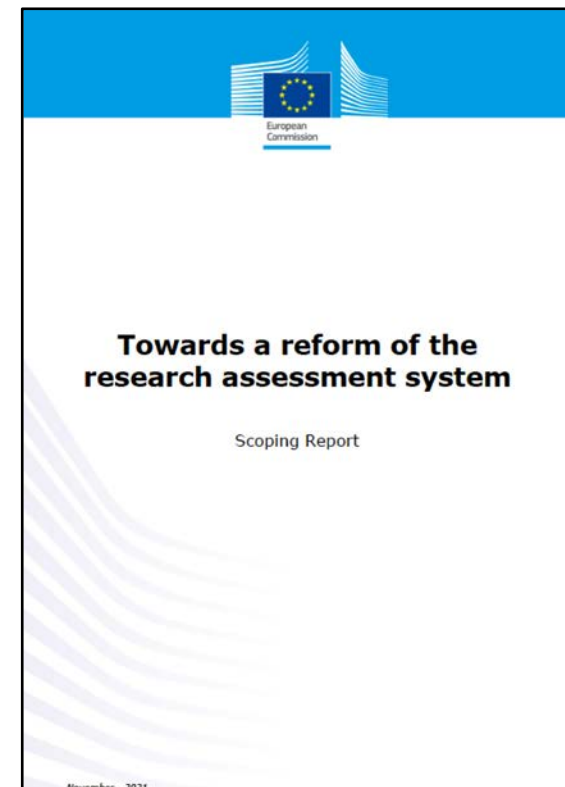
Domain Two: The Digital Revolution



4: Changing Practices in Science and Science Systems



# International Activity



# International Coordination



ELSEVIER

WILEY



# WDS Action Plan in Development

- Enhance access, quality, and accessibility of data worldwide
  - Identify key issues around trust in data
  - Create a framework to respond to issues of repository and data security
- Provide services and supports to existing and new members
  - Assist WDS member repositories in providing value narratives
- Work closely with CODATA
  - IDW, SciDataCon, support of the ISC decadal program as requested
- Create training and educational opportunities
- Global South engagement strategy



# Next steps

Milestone: WDS Action Plan 2022-2024

Timeline:

2022/**2** Draft action plan

2022/**3** Complete draft of action plan

2022/**6** Launch at IDW

2022/**7** Communicate widely and share with funders



# How to Engage

- Encourage data repositories to become members. New membership category - candidate member - for those working towards certification who need mentors and guidance
- Introduce early career scientists and engineers to the WDS EC Network
- Submit proposals / posters to future SciDataCon and International Data Week conferences
- Contact [wds-ipo@utk.edu](mailto:wds-ipo@utk.edu) for requests for assistance, or questions on membership



# INTERNATIONAL DATA WEEK 2022

Data to Improve our World

20 - 23 June, 2022 @ Seoul, Republic of Korea

Convened by

