



# Why Become a Member of CODATA?

## Benefits of joining CODATA for research and NFP organisations

During the last decade, the volume and complexity of data have increased dramatically. Scientific and technical organizations are facing new challenges, not only in the management and preservation of their own data and associated policies, but also in the discovery, visualization, and use of external data. Addressing these challenges requires technology such as data models, taxonomies, and infrastructures to support analysis and long-term curation, but technology is not enough. Updated policies and development of new skills in the areas of data management, stewardship, access and analysis are also required.

During its 50-year life, CODATA, the Committee on Data of the International Science Council (ISC), has grown to become a leading international data organization that continues to make important contributions to data science and policy. Contributing activities include [policy development](#), [task groups](#) and [working groups](#), [national committees](#), [major international conferences](#), the [Data Science Journal](#), and [training initiatives](#).

CODATA and its international network of data experts together with partnerships with major international science and data organizations, such as the [International Science Council](#), [Research Data Alliance](#), [World Data System](#), and [GO FAIR](#), are ideally positioned to provide expert advice on current best practice in a broad range of data areas.

Some examples of opportunities for collaboration include:

- Development of FAIR and Research Data Management strategies at research institutions.
- Management, extraction of knowledge and benefits from Big Data (particular diverse and heterogeneous data).
- Systematic integration and analysis of diverse data from various sources, particularly for multi-disciplinary research and policy areas.
- Development of consistent and holistic approaches to FAIR data, Open Science and proportionate and just data access.
- Participation in workforce development to meet demands of a changing data universe: Identification of skills gaps in the data domain and establishing training to fill them.
- Development of current data policies and guidance at institutional, domain, national and international levels.
- Connecting the initiatives of open and FAIR data with worldwide activities in Open Science and Open Research

CODATA invites research and not-for-profit organizations with an interest in data science to become members and to both guide and collaborate with CODATA and the International Science Council to advance international science for the benefit of society.

Please contact the CODATA Executive Director, Simon Hodson ([simon@codata.org](mailto:simon@codata.org)) to discuss how your organization can become a member of the CODATA community.



5 rue Auguste Vacquerie  
75016 Paris  
FRANCE

[www.codata.org](http://www.codata.org)  
[simon@codata.org](mailto:simon@codata.org)  
@CODATAnews  
+33 (0)6 86 30 42 59