

# Strategic Plan

Mobilising the Data Revolution  
<http://bit.ly/CODATA-Strategic-Plan>

1. **Promoting Data Principles, Policies and Practices:** intelligent openness and FAIR data.
2. **Advancing the Frontiers of Data Science:** scientific, technical and standards challenges.
3. **Mobilising Data Capacity:** data strategies, education and training, with particular attention to skills and 'soft' infrastructure in LMICs

# Prospectus

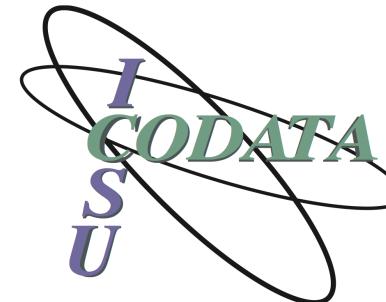
Strategy and Achievements, 2016:  
<http://bit.ly/CODATA-Prospectus-2016>



CODATA President,  
Prof. Geoffrey  
Boulton, FRS, lead  
author of *Science  
as an Open  
Enterprise*



CODATA Executive  
Director: Simon Hodson  
(D.Phil); Chair, EC Expert  
Group on FAIR Data;  
CESSDA SAB.



# Executive Committee

President: Geoffrey Boulton, UK  
Vice-Presidents: Takashi Gojobori, Japan & Niv Ahituv, Israel  
Secretary-General: Bonnie Carroll, USA  
Treasurer: John Broome, Canada  
Elected Members: Sarah Callaghan, Ireland  
Jane Hunter, Australia • Paul Laughton, RSA  
DT Lee, China: Taipei • Li Jianhu, China • Alena Rybkina, Russia  
Paul Uhir, USA • Joseph Muliara Wafula, Kenya  
Mary Zborowski, Canada



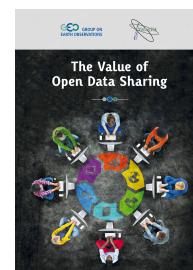
# CODATA Members

- **National Members:** organisation(s) advancing data, encouraged to set up CODATA National Committees;
- **Union Members:** International Scientific Unions, CODATA works with Unions' 'data and information committees';
- **Affiliate Members:** organisations that wish to collaborate and support CODATA's mission.

## Promoting Data Principles, Policies and Practice



Science International Accord on  
Open Data in a Big Data World  
(for ICSU, ISSC, IAP and TWAS):  
<http://www.science-international.org/accord>



The Value of Open Data Sharing: CODATA Report  
for GEO, The Group on Earth Observations:  
<https://doi.org/10.5281/zenodo.33830>

1. Facilitate the lawful access to and reuse of research data.
2. Determine the rights to and responsibilities for the data.
3. Balance the legal interests.
4. State the rights transparently and clearly.
5. Promote the harmonization of rights in research data.
6. Provide proper attribution and credits for research data.

CODATA Data Policy Committee  
Current Best Practice for  
Research Data Management Policies:  
<http://dx.doi.org/10.5281/zenodo.27872>

CODATA-RDA Principles and Guidelines  
on Legal Interoperability:  
<https://doi.org/10.5281/zenodo.162241>



OECD Global Science Forum Project on  
Business Models for Sustainable Data  
Repositories: [http://bit.ly/OECD-GSF-Sustainable\\_Data.Repositories](http://bit.ly/OECD-GSF-Sustainable_Data_Repositories)

## Advancing the Frontiers of Data Science



- Data Science Journal: <http://datascience.codata.org/>
- CODATA 2017 Conference, Saint-Petersburg, 8-13 October 2017: <http://codata2017.gcras.ru/>
- International Data Week 2016 <http://internationaldataweek.org/> and SciDataCon 2016 <http://www.scidatacon.org/2016/>
- International Committee on Fundamental Physical Constants: <http://bit.ly/CODATA-fundamental-constants>
- Uniform Description System for Nanomaterials: <http://www.codata.org/nanomaterials>
- Eight CODATA Task Groups: <http://www.codata.org/task-groups>



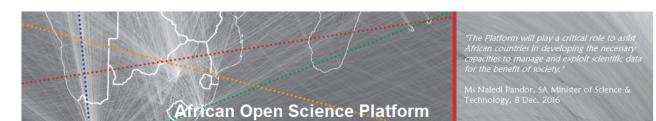
## Mobilising Data Capacity: Strategies, Skills



- CODATA-RDA School of Research Data Science, hosted by International Centre of Theoretical Physics: Data Science Journal: <http://bit.ly/school-of-research-data-science>
- CODATA China Training Workshops in Open Data and Big Data: <http://www.codata.org/events/training-workshops>



African Open Science Platform Pilot Project: <http://africanopenscience.org.za/>



"The Platform will play a critical role to assist African countries in developing the necessary capacities to manage and exploit scientific data for the benefit of society." Ms Naledi Pandor, SA Minister of Science & Technology, 8 Dec. 2016

## African Open Science Platform