



# World Data System International Programme Office

## Achievements, Challenges and Opportunities

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ICSU  
WORLD DATA SYSTEM

# Short history

**NICT hosts WDS** (April 2011–March 2016)

Activities started in April 2011 (Acting Director)

Executive Director (March 2012)

Formal inauguration 9 May 2012!



# Resources

## Staff:

- Takashi Watanabe (Senior Advisor)
- Rorie Edmunds (Programme Officer)
- Yuko Nikaido (Administrative Officer)

## Office:

- NICT HQ in Koganei



# Achievements

## 1. International leadership

- WDS is a key player on the international scene!
- Strategic Plan 2014–2018
- International events on data:
  - Polar Data Forums (Tokyo 2013 and Canada 2015)
  - Data for the study of the Solar-Terrestrial Variability workshop (NICT, Tokyo, 2015)
  - SciDataCon—the International Conference on frontier issues of data in research, jointly with CODATA:  
(New Delhi, India, 2014 and Denver, USA, 2016)



INTERNATIONAL  
**DATA WEEK 2016**  
11 - 17 SEPTEMBER  
[WWW.INTERNATIONALDATAWEEK.ORG](http://WWW.INTERNATIONALDATAWEEK.ORG)

**11-17 SEPTEMBER 2016 - DENVER, COLORADO, US**

**-SciDataCon 2016-**  
11-13 Sept 2016

**-International Data Forum-**  
14 Sept 2016

**-8th Research Data Alliance-**  
Plenary Meeting  
15 - 17 Sept 2016

Organised by



**SciDataCon 2016**  
Advancing the Frontiers of Data in Research



[www.SciDataCon.org/2016](http://www.SciDataCon.org/2016)

# Achievements

## 2. Strong membership:

- Doubled membership base since May 2012
  - ✓ Key cutting edge organizations joined WDS (e.g. NASA-DAACs, CLARIN-ERIC)
- State-of-the-art website, membership management, and issue-tracker
- Improved certification processes
- Member's Forum = engagement!





*WDS Members' Forum 2014  
New Delhi, India*

# Achievements

## 3. Increased collaborations:

- *Group on Earth Observations (GEO)*: WDS is leading on the Data Management Principles Implementation
- *Research Data Alliance (RDA)*: joint WDS Working Groups (delivered outputs in Tokyo, RDA Plenary 8<sup>th</sup> March 2016):
  - Publishing Data Services
  - Repositories certification





# Achievements

## 3. Increased collaborations (Continued):

- *Future Earth* – International programme on global sustainability **research**: WDS is leading the Data, Observations and Information Task Force
- *DataCite* and *re3data.org* : establish a **registry** of Trustworthy Digital Repositories

# Achievements

## 3. Increased collaborations (Continued):

- *Belmont Forum*—a group of the major and emerging **funders** of global environmental change research: e-Infrastructure and Data Management (funding call in 2017)
- *Organization for Economic Cooperation and Development (OECD)*: two studies to develop **policies** for international coordination and business models of data infrastructure

# Challenges and Opportunities

- Open Data for Open Science are hot topics but the landscape is crowded!
- WDS needs to attract funding to further develop and implement its concepts
- WDS services sustained only if adopted and supported by Members



# Continued NICT support



NICT and ICSU agreed to renew the hosting for 5 more years.

**Signed:**

22 September 2015

**Hosting period:**

1 April 2016 to 31 March 2021

# Thank you for listening!

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