

# ICSU World Data System

Mustapha Mokrane,  
WDS-IPO Executive Director

# WDS key facts

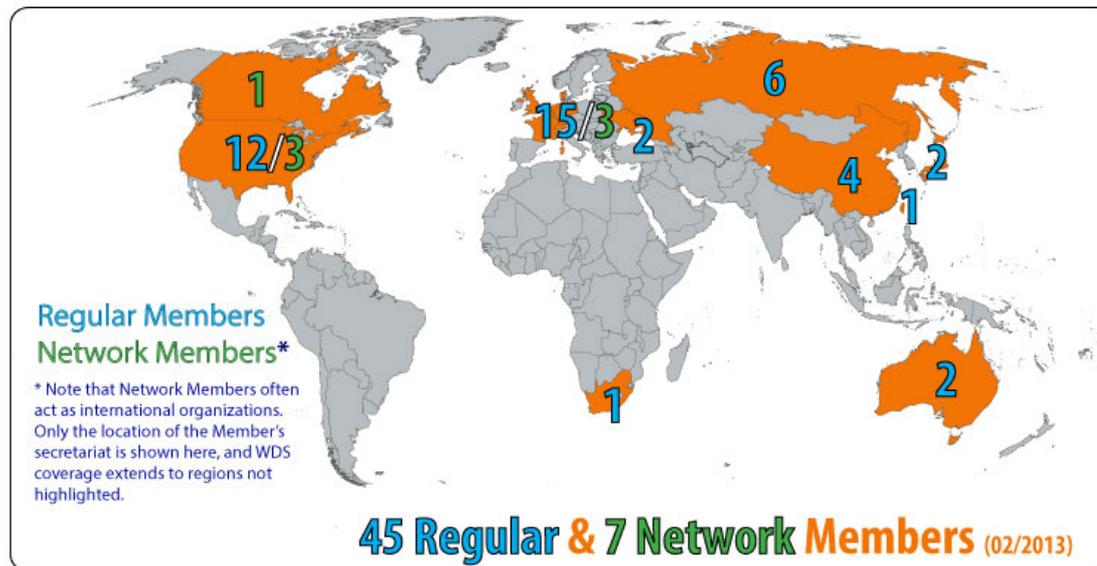


- Builds on 50+ years legacy (WDCs and FAGS)
- International and multidisciplinary (natural sciences and expanding to social sciences and humanities)
- Promotes adoption of data standards and conventions
- Full and open access data policy

# WDS key facts

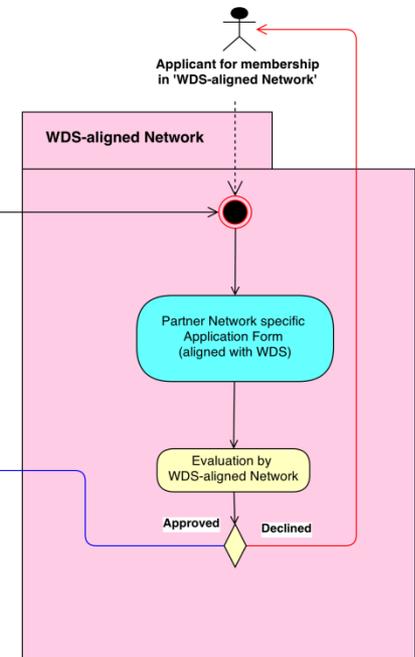
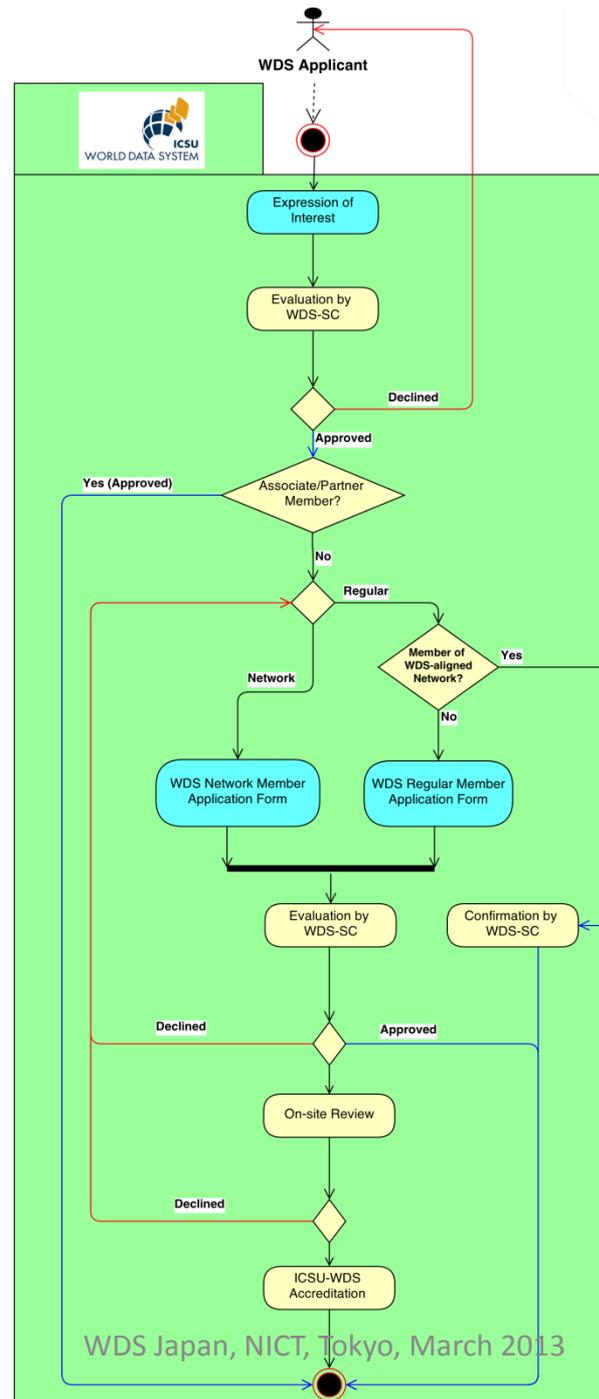
## Categories of Membership

- **Regular (45):** Data curation and data analysis services
- **Network (7):** Umbrella organizations of regular members
- **Partner (2):** Organizations supporting WDS or its Members
- **Associate (12):** Organizations interested in the WDS endeavor



# Accreditation of Regular and Network Members

- **Trustworthiness** of WDS data holders and providers
- **Evaluation criteria** based on standards and best practices
- **Certification authority:** Scientific Committee



# Knowledge Network



## Knowledge Network and Open Metadata Catalogue

Discovering and accessing WDS members' and networks' data and services (metadata and “enriched” additional information)

# Knowledge Network



## Milestones:

- **March 2013:** Start Concept White Paper
- **April 2013:** Invite WDS Members to participate, technology & applicable standards
- **May 2013:** WDS Catalogue Implementation, finalize White Paper & technology choices
- **September 2013:** Knowledge Network Pilot

# Data Publication



Promote and establish data publication concept among data centres, include science publishers and bibliometric service holders, and as part of scholarly publishing. Builds on work by previous groups (ICSTI/CODATA Data Citation, IODE/SCOR, etc.)

# Data Publication

## 4 Subgroups:

1. Workflows - deliverable end 2013 (D1)
2. Bibliometrics - deliverable end 2013 (D2)
3. Services - deliverable end 2014 (D3)
4. Cost models - deliverable end 2014 (D4)

## Main tasks:

- Investigate current practice
- Gap analysis and general requirements
- Recommendations to fill the gap
- With clear roles for Data Centres, Publishers and Funders

# Data Publication

## Milestones:

- **Every 6 weeks:** subgroup meetings
- **September 2013:** webinar for a plenary exchange of the first results of each subgroup
- **November 2013:** face-to-face workshop Paris, final results D1 and D2 and updates for the other deliverable
- Similar scheme for **2014**

# Outreach

- **New WDS website** launched late June 2013
- ***“International Forum on Polar Data Management”*** in Tokyo 15-16 October, jointly organized with **SCAR/SCADM**
- ***“Data Management Challenges For Social And Natural Sciences”***: Session at the World Social Science Forum in Montreal October 2013, jointly organized with **CODATA**

# WDS Conference



## ***World Science Data Conference: Data Integration for Future Earth Research***

***Proposed joint 2<sup>nd</sup> ICSU-WDS Conference & 24<sup>th</sup>  
CODATA International Conference in Delhi 2014:***

[www.ICSU-WDS.org](http://www.ICSU-WDS.org)