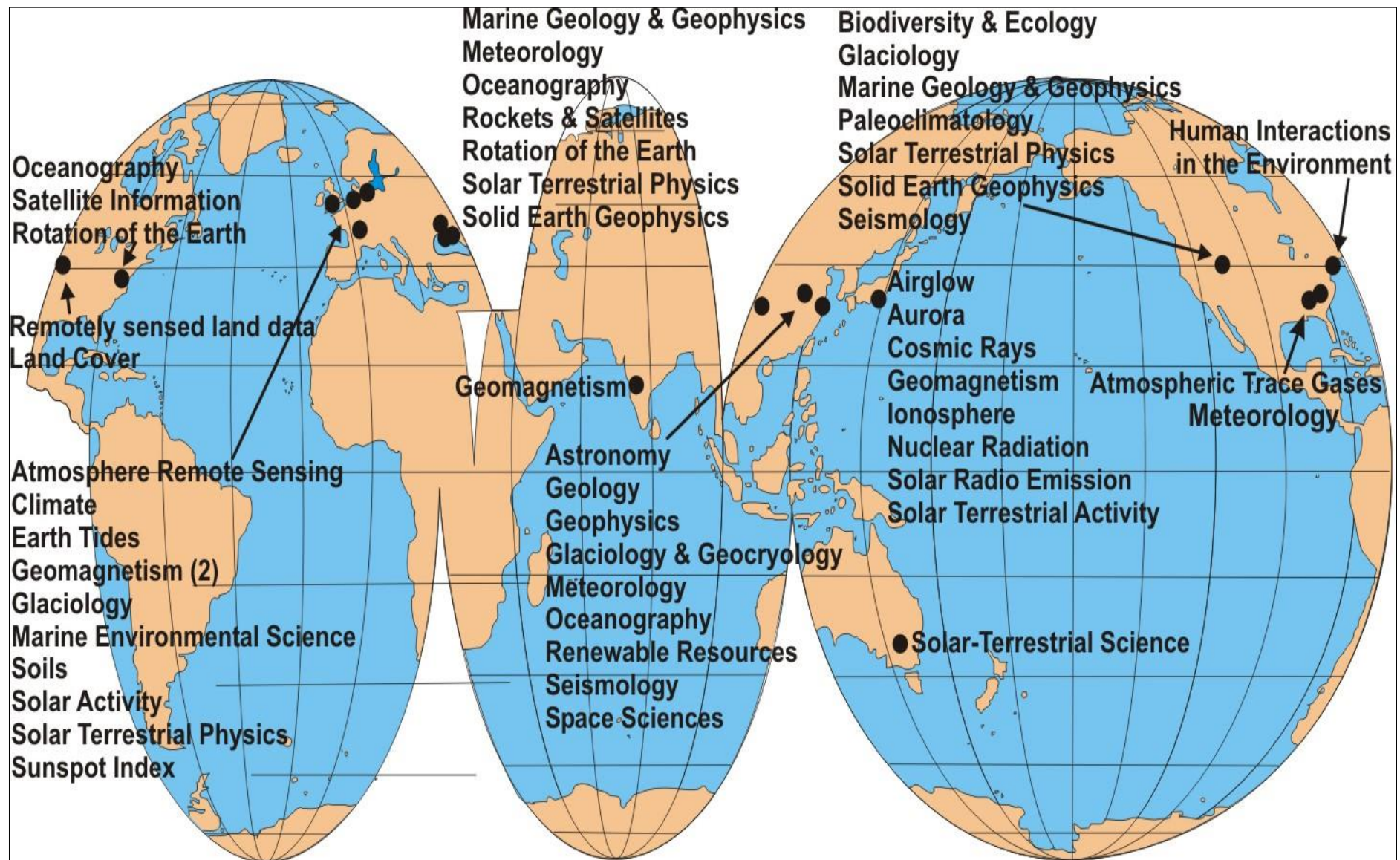


Asia-Oceania 地域における WDS の活動と極域データ

渡邊 堯

ISC World Data System International Programme Office



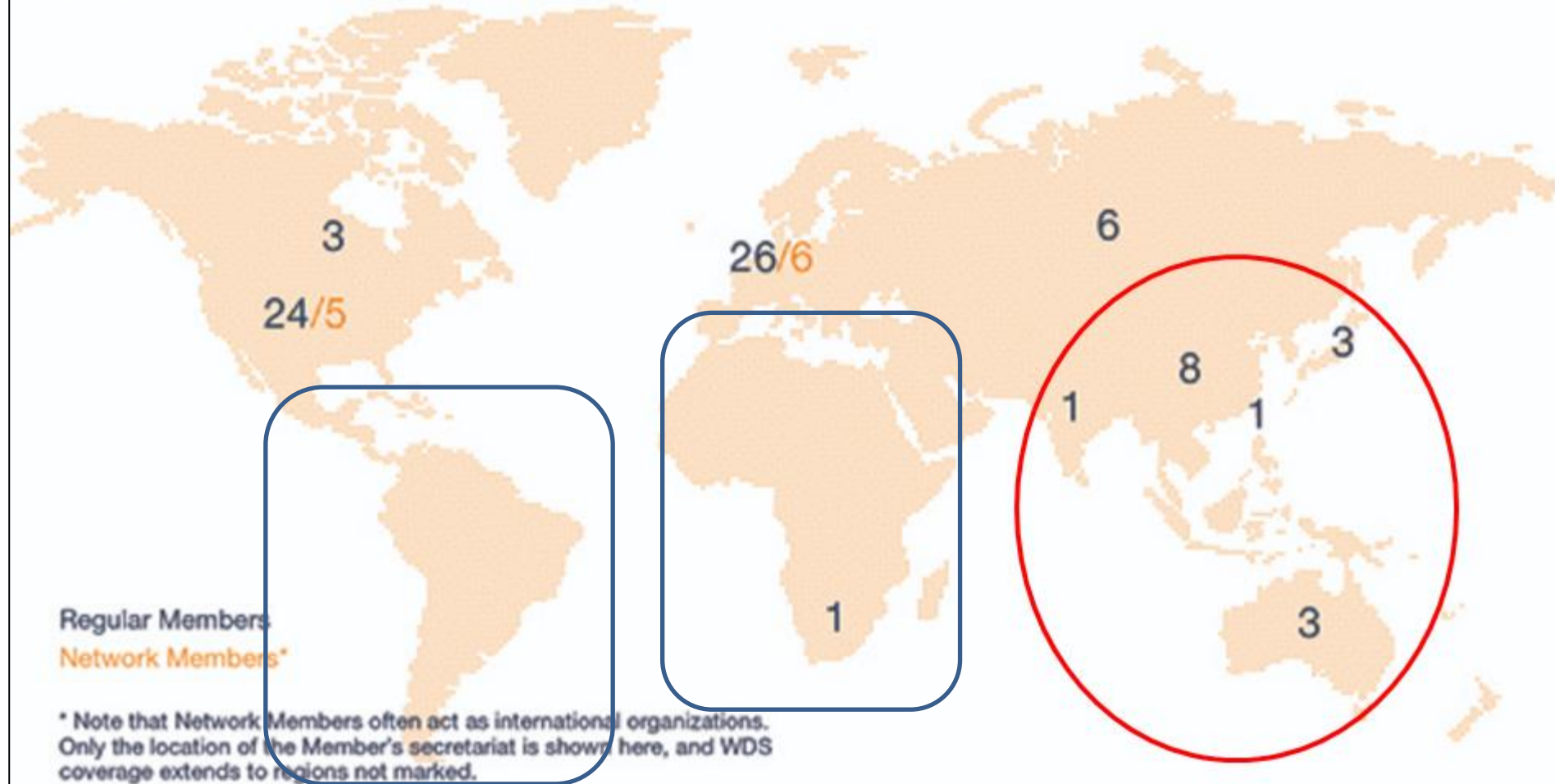


World Data Centers

February 2004

Geographic Distribution of WDS Members

WDS Regular and Network Members (01/2019)



WDS Members in the Asia-Oceania area as of Jan. 2019

WDC for Space Weather, Australia	Regular
Australian Antarctic Data Centre	Regular
Southern Ocean Observing System	Partner
Chinese Astronomical Data Center	Regular
WDC for Renewable Resources and Environment	Regular
WDC for Oceanography, Tianjin	Regular
Chinese Space Science Data Center	Regular
Cold and Arid Regions Science Data Center at Lanzhou	Regular
WDC for Geophysics, Beijing	Regular
WFCC for MIRCEN World Data Centre for Microorganisms	Regular
Global Change Research Data Publishing and Repository	Regular
Fish Database of Taiwan	Regular
WDC for Geomagnetism, Mumbai	Regular
WDC for Geomagnetism, Kyoto	Regular
WDC for Ionosphere and Space Weather	Regular
Research Institute for Sustainable Humanosphere, Kyoto University	Regular
Korea Institute of Science and Technology Information (KISTI)	Associate

Why Asia-Oceania?

- A half of former WDCs have problems to move to WDS.
- Very important area in *Future of the Earth*.
- Big difference in the level of data-oriented activity.
- The most of established data centers are governmental, operating under mandated rules.
- Motivation to open their data is not high.
- A large amount of data are being obtained by international collaborations in this area but opened at other places.
- Weak infrastructure on data, and lack of manpower.
- Old records on papers are disappearing.
- No common understanding on data policy.
- Contribution of non-governmental organizations on data (like ICSU-WDS) will be important.



Faculty of Environment and Resource Studies

MAHIDOL UNIVERSITY

Wisdom of the Land



Faculty of Environment and Resource Studies



Academic Programs | Research | Environment Clinic | Training & Conferences
 International Collaboration | Faculty Members | Honors & Awards | Alumni

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Research Center










In 2005, the Faculty of Environment and Resource Studies initiated the establishment of research centers of integrated sciences. The goal of these centers is to encourage collaboration between academic staff, students and researchers in order to attain beneficial outcomes. The following information centers were established to serve as research and training centers:


- Wetlands Management Research and Training Center
- Environmental Remediation Technology Research Center




Asia-Pacific Network for Global Change Research

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ARCP & CAPaBLE

APN APPROVED NEW
AND CONTINUING PROJECTS
FOR FY2013/14

Announcement: Approved New and Continuing Projects for Financial Year 2013/14

On behalf of the APN Inter-Governmental Meeting (IGM), the decision-making body for all of the APN activities, the APN Secretariat is pleased to announce that funding for the following proposals...

APN News

APN Annual Report 2011-2012 Published

7 June 2013, Kobe, Japan – The latest APN Annual Report (2011-2012) is released today and is available for download from the APN E-Lib. The report highlights APN's key activities between...

Quick Links

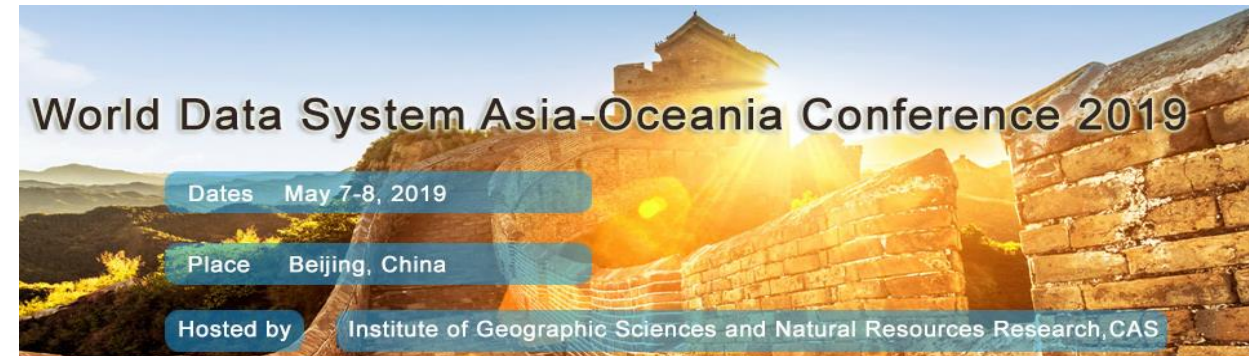
APN E-lib

New Publications

- Enhancing the LGU Capacity for Implementing Conservation Farming Village and a Strategy for Climate Change Adaptation and Upland Environment
- Collaborative Research on Sustainable Urban Water Quality Management in Southeast Asian Countries: Analysis of Current Status (Comparative Study) and Strategic Planning for Sustainable Development
- APN Annual Report 2011-2012

[illegible]

The screenshot displays two web-based systems. On the left is the Southeast Asia START Regional Center website, which includes a navigation menu with links like Home, About Us, and a sidebar with 'Available Topics by Region'. The main content area features a map of Southeast Asia and a table of 'NORCE PROJECT DIVERSITY ON CHANGES OF CLIMATE' with columns for Species, Date, and Location. On the right is the MIDAS Marine Information and Data Archive System interface. It has a header with the MIDAS logo and a navigation menu. The main content area includes a search bar, a 'Hosted Data' section with links to 'Palmare Improvement for Sustainable Habitat (PISPH)' and 'Economic Fisheries', and a 'New Applications!' section with links to 'Palmare Improvement for Sustainable Habitat (PISPH)' and 'Economic Fisheries'. The bottom section features a 'Philippine Inland Fishery Database' and a 'Philippine Marine Fishery Database'.





19 Apr 2017

The workshop on *Data Initiatives in Africa – Opportunities and Challenges for Research and Sustainable Development* convened by WDS took place last week in Grenoble with the participation of 30 experts (10 African countries represented). The meeting explored opportunities and challenges facing several data initiatives in Africa covering a broad range of disciplines and institutions. During the hands on breakout session, participants were

able to test the Core Trustworthy Data Repositories requirements and discuss very practical ways to improve sustainability and quality of data management practices. The dialogue established between WDS and the representatives of African data initiatives will continue over the coming months with the objective to trigger data repositories certifications and participation in WDS and other global efforts.

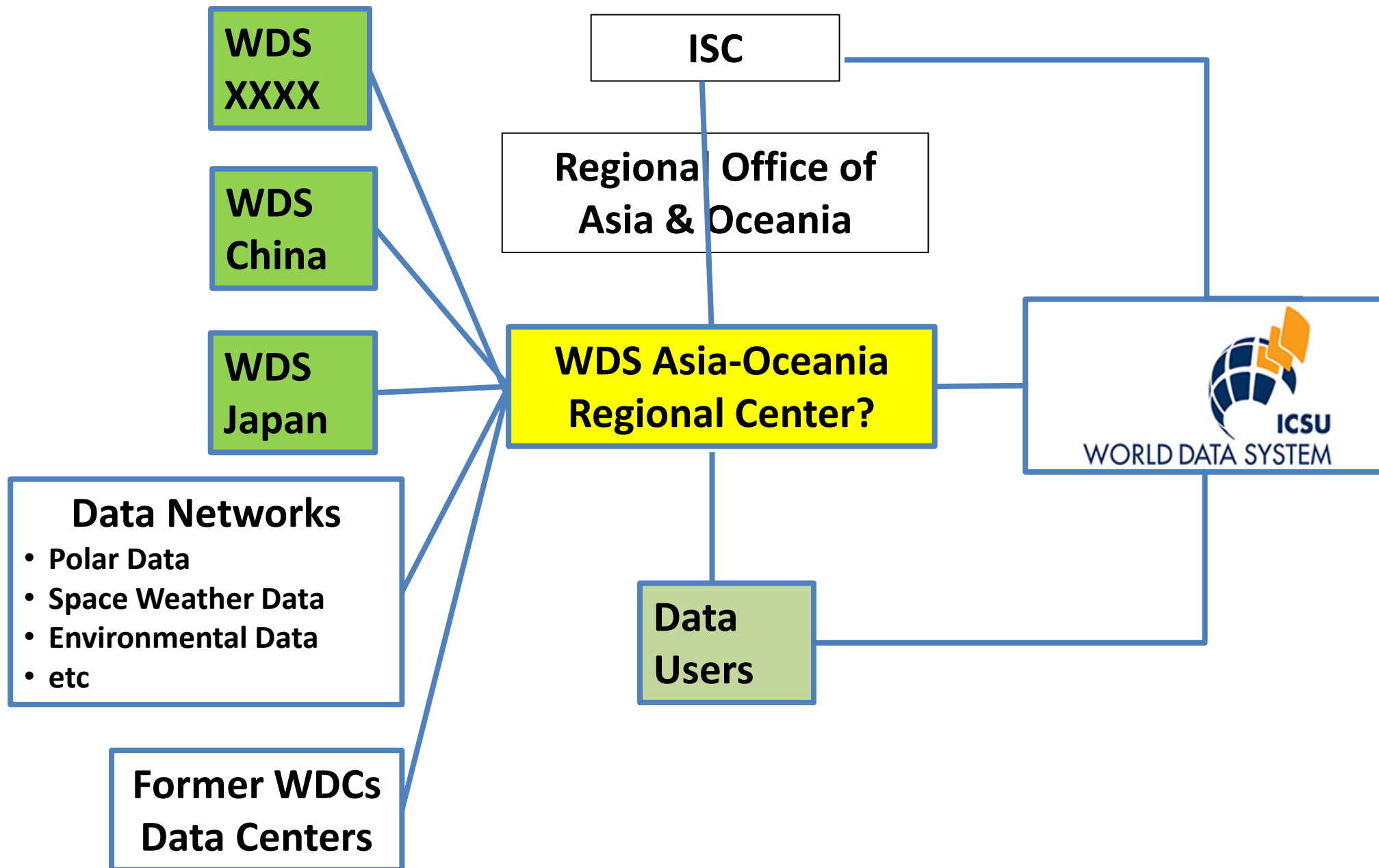


Latin America and the Caribbean Scientific Data Management Workshop

17–18 April 2018

Brazilian Academy of Sciences, Rio de Janeiro, Brazil

 Search this site[Scope of the Workshop](#)[Programme](#)[Registration](#)[Venue and Logistics](#)[Organizers](#)[Contact](#)



WDS 2020: Global Collaboration on Data beyond Disciplines (tentative)

**Tokyo, Japan
in Nov. 2020 (TBD)**

Promoting bodies (tentative)

- World Data System (WDS)
- Science Council of Japan (WDS and CODATA National Committees)
- National Institute of Information and Communications Technology (NICT)
- Research Organization of Information and Systems (ROIS)

Agenda (provisional)

- Promotion of new multidisciplinary data-driven sciences
- Role of data community in data-led policy making
- Collaboration of WDS with international data alliances and data systems
- Reinforce and unification of regional data networks
- New movements in Data Publication under the FAIR principle
- Development of new technologies for Open Science
- Involvement of young generations in data community
- Strategy of future action

