

SESSION TITLE:
BUILDING AN OPEN DATA COLLABORATIVE NETWORK IN ASIA-OCEANIA

INTERNATIONAL SYMPOSIUM ON DATA SCIENCE (DSWS) – ASIA & OCEANIA COLLABORATION

Masaki Kanao

Research Organization of Information and Systems



Joint Support-Center for Data Science Research
Research Organization of Information and Systems (ROIS)



**INTERNATIONAL
DATA WEEK**
13-16 October 2025
Brisbane, Australia

International Program Office of the World Data System (WDS/IPO) / ISC

- [website](#)
- [Preliminary report](#)

Events

CODATA 23 Conference

Sun Oct 28, 2012

Rio+20 Science Forum Side Event

Thu Jun 14, 2012 @ 12:30 - 02:00PM

6th Scientific Committee Meeting

Mon Apr 30, 2012

Data Challenges for Global

Sharing and Stewardship of Scientific Data for Improved Decision Making and Sustainable Development: Why share data fully and openly?

The Earth's atmosphere, oceans and landscapes are changing rapidly, with human activities being a major driver. Monitoring and modelling these changes is critical to enable governments, civil society and the private sector to make informed decisions about climate, energy, food security, natural hazards, health, and other challenges. Decision-makers and managers must have access to the information they need, when they need it, and in a format they can use.



[Read more...](#)

International Programme Office Inauguration in Tokyo

ICSU's new World Data System (WDS) opened its new office in Tokyo on May 9 in an official ceremony in the presence of the Hon. Tatsuo Kawabata, Japanese Minister for Internal Affairs and Communications, and Prof. Yuan Tseh-Lee, President of the International Council for Science (ICSU).



[Read more...](#)

WDS tackles IPY Data Challenges

The WDS will participate in several of the data related activities organized at the International Polar Year (IPY) 2012 Conference: *From Knowledge to Action* (22-27 April 2012 in Montreal, Canada):

- Tuesday 24 April: In session 2.5.4 Accessing, Sharing and Preserving Data as a Legacy of IPY: A presentation titled *The ICSU World Data System Tackles IPY Data Challenges* will be given by Watanabe Takashi (WDS Scientific Committee)
- Thursday 26 April: *Action forum: The Momentum series: Data Management*
- Friday 27 April: *Workshop to begin to design an Arctic Data Coordination Network*



From left Chairman Norihisa Doi, Prof. Yuan Tseh-Lee, President of the International Council for Science (ICSU), Dr. Hideo Miyahara, President of the National Institute of Information and Communications Technology (NICT), Onishi, President, Science Council of Japan

CLOSE X

In October 2010, the ICSU Executive Board accepted the offer from the Japanese **National Institute of Information and Communications Technology (NICT)** to host and financially support the **International Programme Office (IPO)** for WDS.

SECOND CIRCULAR



The First **ICSU** **World Data System** Conference

– Global Data for Global Science –
September 3-6, 2011
KYOTO UNIVERSITY, KYOTO, JAPAN



WDS 1ST CONFERENCE

@ KYOTO UNIVERSITY.
2011 SEPTEMBER 3-6

conference website:

[http://wds-kyoto-2011/.](http://wds-kyoto-2011/)



International Symposia promoted by the WDS Committee



The 1st ICSU World Data System Conference - Global Data for Global Science

Date: 3-6 September 2011

Venue: Kyoto University, Kyoto, Japan

[Conference Booklet](#)



International Forum on Polar Data Activities in Global Data Systems

Date: 15-16 October 2013

Place: National Museum of Nature and Science, Tokyo, Japan

[Web Site](#)



SCOSTEP-WDS Workshop on Global Data Activities for the Study of Solar-Terrestrial Variability

Date: 28-30 September 2015

Venue: National Institute of Information and Communications Technology (NICT), Tokyo, Japan

[Workshop Booklet](#)

PDC/NIPR
Polar Data Forum I

<https://takashiwata-nabe.wixsite.com/wds-japan-en>
WDS-Japan
website

WDS Conference
@ Beijing, 2019

PEDSC/ROIS-DS
DSWS-2020

Co-located Event of the 7th RDA Plenary in Tokyo, Japan
Data Perspective beyond Alliances

Data Perspective beyond Alliances (Co-located Event of the 7th RDA Plenary)

Date: 3 March 2016

Venue: Hitotsubashi Hall, Tokyo, Japan

[Web Site](#)



WDS Asia-Oceania Conference, 2017

Date: 27-29 September 2017

Venue: Masukawa Memorial Hall, Kyoto University, Kyoto, Japan

[Web Page](#)



WDS Asia-Oceania Conference, 2019

Date: 7-8 May 2019

Venue: Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Science, Beijing, China

[Web Site](#)



International Symposium "Global Collaborations on Data beyond Disciplines"

Date: 23-25 September 2020

Venue: Online

[Web Site](#)

ACTIVITIES OF ROIS-DS

- Organizing **International Data Science Symposium: DSWS**

ROIS-DS organized international conferences hosted by Japan, with many participants from overseas.

- 1) International Workshop on Sharing, Citation and Publication of Scientific Data across Disciplines (DSWS-2017, December 2017, Tachikawa, Tokyo),
- 2) International Workshop on Data Science - Present & Future of Open Data & Open Science - (DSWS-2018, November 2018, Mishima, Shizuoka),
- 3) International Symposium on Data Science - Global Collaboration on Data beyond Disciplines - (DSWS-2020, September 2020, online), **jointed with WDS**
- 4) International Symposium on Data Science 2023 - Building an Open-Data Collaborative Network in the Asia-Oceania Area - (DSWS-2023, December 2023, Science Council of Japan (hybrid conference), https://ds.rois.ac.jp/article/dsws_2023). **Jointed with WDS**
- 5) Special issues for 3) and 4) were published as the **Special Collections in Data Science Journal** (<https://datascience.codata.org/collections/open-data-collaborative-network>).

International Workshop on Data Science - Present & Future of Open Data & Open Science -

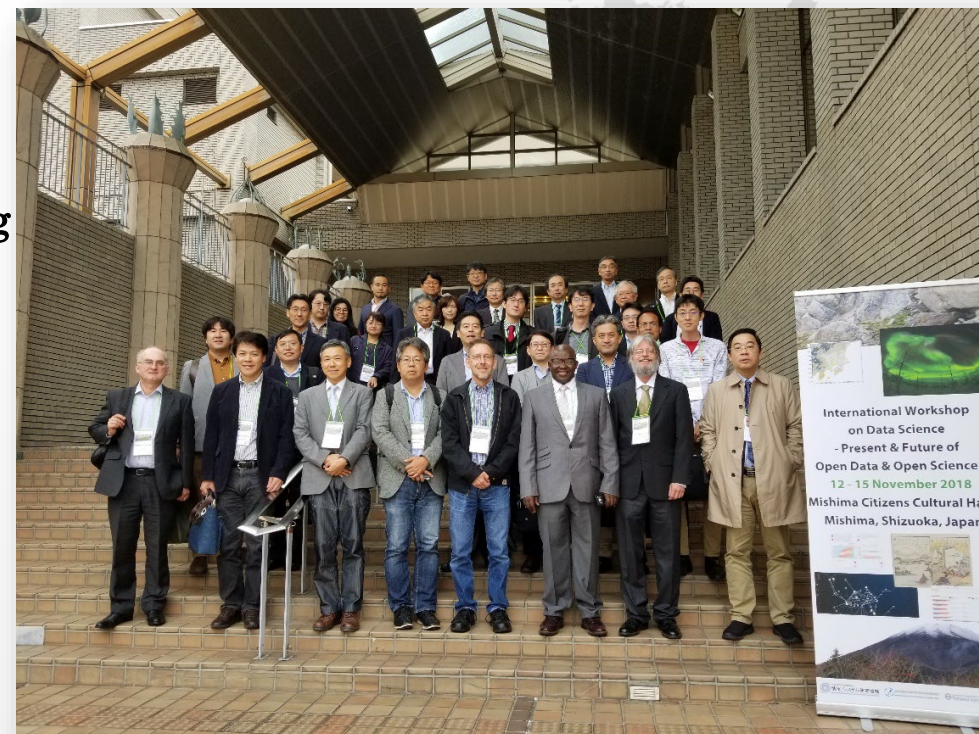
12 – 15 November 2018

Mishima Citizens Cultural Hall & Joint Support-Center for Data Science Research,
Mishima, Shizuoka, Japan

https://ds.rois.ac.jp/article/dsws_2018/

Session Themes :

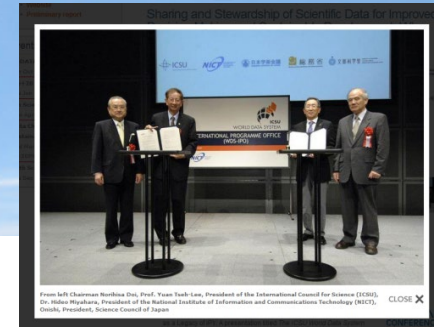
- ✓ International data activity, National data activity
- ✓ Current status of data science
- ✓ Current status of Inter-disciplinary science
- ✓ Industry-academia collaboration, education, capability building
- ✓ Legacy data, historical data, future on data science
- ✓ **120 participants including 20 overseas.**



International Symposium “Global Collaboration on Data beyond Disciplines”

Organized by ROIS-DS
& WDS-IPO

23 – 25 September 2020
Online Conference



Session Themes :

- Collaborations of international data alliances and data systems
- Reinforce and unification of regional data networks
- Development of new technologies for open science
- New movements in data publication under the FAIR principle
- Recent development on data-centric science
- New multidisciplinary data-driven sciences
- Involvement of young generations in data community
- Strategy of future action
- World Data System (WDS) Forum

Website :

https://ds.rois.ac.jp/article/dsws_2020/

Keynote Speakers :

Mark A. Parsons (Editor-in-Chief, Data Science Journal)

Mazlan Othman (Regional Office of Asia and Pacific,
International Science Council)

Jens Klump (Mineral Resources Research Institute)

Lesley Wyborn (Australian National University)

Masanori Arita (National Institute of Advanced Industrial Science and Technology)

Priyanka Pillai (Research Organization of Information and Systems)

Kassim S. Mwitondi (University of Nairobi)



Organized & Supported by:



大学共同利用機関法人 情報・システム研究機構
データサイエンス共同利用基盤施設
Joint Support - Center for Data Science Research (DS)



International Symposium on Data Science (DSWS-2023)

- Building an Open Data Collaborative Network
in the Asia-Oceania Area -

11 – 15 December 2023

Science Council of Japan, Tokyo
(hybrid type conference)

Symposium Website :
https://ds.rois.ac.jp/article/dsws_2023/

Hybrid type conference
(in person at SCJ + online)

International Advisory Committee (IAC) , Local Advisory Committee (LAC),
Local Organizing Committee (LOC)

Participants : (in person; 124, online; 270, total; 394, from 37 countries; Japanese 250, overseas 144)



International Symposium on Data Science 2023 (DSWS-2023)

**11-15 December 2023
Science Council of Japan**

https://ds.rois.ac.jp/article/dsws_2023/

Special Issue

<https://datascience.codata.org/collections/open-data-collaborative-network>

The organizing committee is planning to launch the “Special Collection” in the Data Science Journal (<https://datascience.codata.org/>) as a special issue volume of the DSWS-2023 symposium.

Collection Title; “Building an Open Data Collaborative Network in the Asia-Oceania Area”

Deadline of Expression of Interest: 29 February 2024

Please input your Expression of Interest to following [Google](#)

Deadline of Article Submission: 31 July 2024

Final Publishing Online: 31 March 2025

More than 10 papers have been published online



DATA SCIENCE JOURNAL Start Submission Become a Reviewer]u[ubiquity press

International Symposium on Data Science (DSWS-2023)

- Building an Open Data Collaborative Network in the Asia-Oceania Area -

Collection 11 – 15 December 2023
Building an Open Data Collaborative Network in the Asia-Oceania Area

This special collection derives from the International Symposium on Data Science (DSWS-2023; https://ds.rois.ac.jp/article/dsws_2023) that was held in Tokyo, Japan (11–15 December 2023). The symposium was organized by the Joint Support-Center for Data Science Research, Research Organization of Information and Systems (ROIS-DS) in collaboration with the Committee of International Collaborations on Data Science and the Science Council of Japan (SCJ). The event was also strongly supported and facilitated by the global data community, led by the World Data System (WDS) and the Committee on Data (CODATA) of the International Science Council (ISC). It aimed to

Search Collection Title

Building an Open Data Collaborative Network in the Asia-Oceania Area

Data and AI policy, systems, and tools for times of crisis

20 Years of Data Science

Data Management Planning across Disciplines and Infrastructures

Open Science for a Global Transformation

Multidisciplinary Data Activities Bridging the Research Community and Society

We are looking forward to have many contributions of data scientific papers.

International Symposium on Data Science (DSWS-2023)
- Building an Open Data Collaborative Network in the Asia-Oceania Area -

JAPAN OPEN SCIENCE SUMMIT 2023

SESSION TITLE: JOSS2023-H3

COLLABORATION ON OPEN DATA ACTIVITIES IN ASIA AND OCEANIA WITHIN GLOBAL DEVELOPING SOCIETY

Zoom ミーティング

レコーディングしています... LIVE カスタムライブストリーミングサービス

参加者 (32)

Q 参加者の検索

HK H3_Masa... (共同ホスト, 自分) 〇 〇 〇

運 運営_AMANE LLC (ホスト) 〇 〇 〇

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HL H3_Pei-shan Liao (SRDA) 〇 〇 〇

YM Yasuhiro Murayama 〇 〇 〇

HR H3_CS Roy (BBS) 〇 〇 〇

HK H3_Johnathan Kool (AADC) 〇 〇 〇

HU H3_Jung-Ho Um(KISTI) 〇 〇 〇

HA H3_Noorsaadah Abd.Rahman (...) 〇 〇 〇

HW H3-Juanle Wang (CAS) 〇 〇 〇

Hideaki Takeda 〇 〇 〇

HK Hisako Kikui (The Society for Biotech... 〇 〇 〇

招待 すべてミュート

ここに入力して検索

22°C 小雨 14:47 2023/06/22

- Based on the current streams of Open Science, this session provides an overview of information on the topics involving Open Data activities in Asia and Oceania among global developing societies.
- Following short presentations by each speaker from individual centers/organizations from Australia, China, India, South Korea and other countries, the convener (Dr. Kanao) facilitates a panel discussion.

AFOPS - The Asian Forum for Polar Sciences -

PROVIDE A FOUNDATION FOR
COOPERATIVE RESEARCH ACTIVITIES



The Asian Forum for Polar Sciences

The Asian Forum for Polar Sciences (AFOPS) is a non-governmental organization established in 2004 to encourage and facilitate cooperation for the advance of polar sciences among countries in the Asian region.

The Forum consists of its 6 Members, national polar research institutions representing **China, Japan, South Korea, India, Malaysia and Thailand**. AFOPS also has 4 observers: **Indonesia, Philippines, Sri Lanka and Vietnam**.

Dr. Yang Huigen, Director General of Polar Research Institute of China (PRIC) , serves as the Chair of AFOPS for 2017-2018.