



INTERNATIONAL DATA WEEK

13-16 October 2025
Brisbane, Australia



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Toward the establishment of Research Data Management schemes in Japan and Southeast Asia

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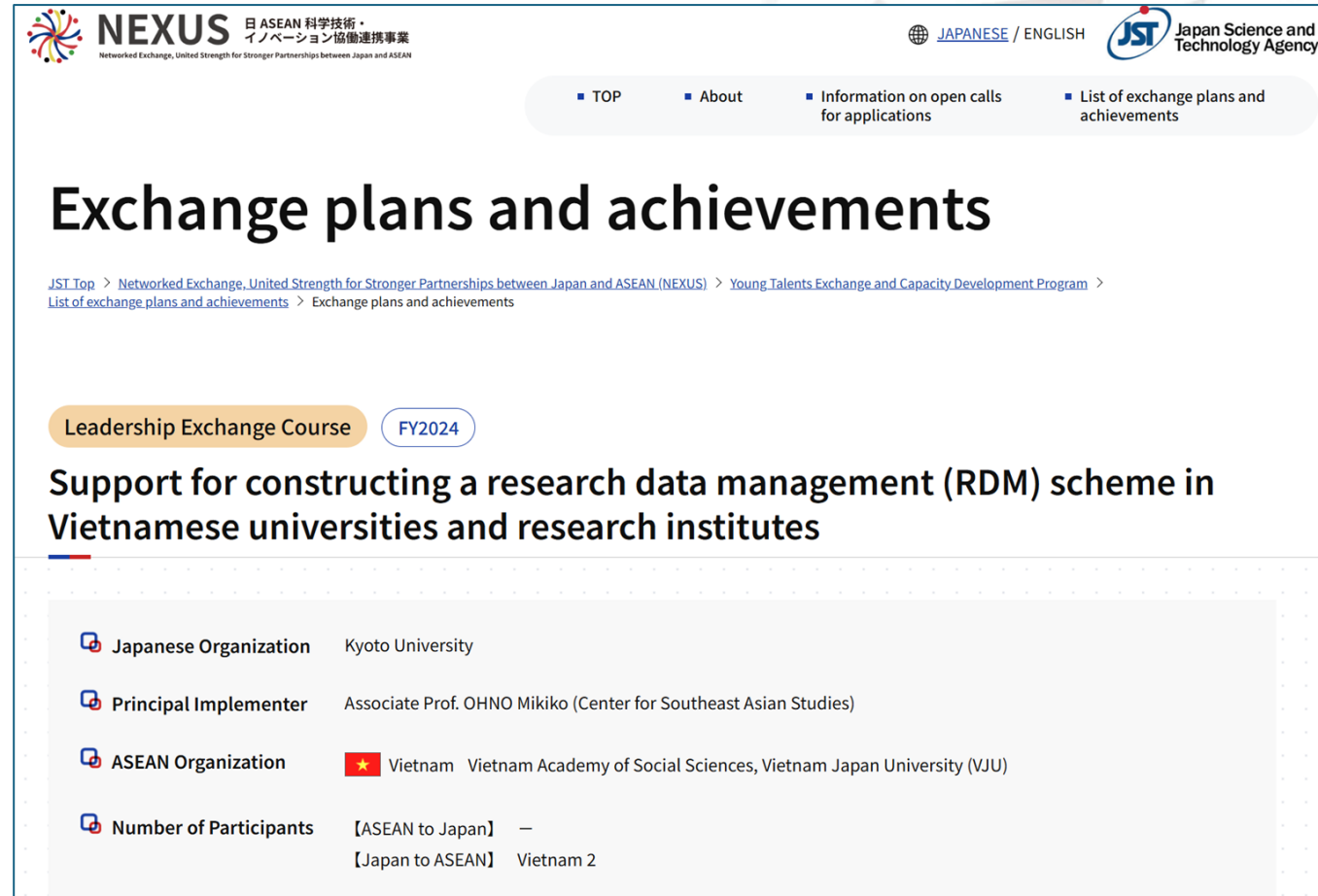
1. Project background

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JST NEXUS Y-tec Project



The screenshot displays the JST NEXUS website interface. At the top left is the NEXUS logo with the text '日 ASEAN 科学技術・イノベーション協働連携事業' and 'Networked Exchange, United Strength for Stronger Partnerships between Japan and ASEAN'. To the right are language options 'JAPANESE / ENGLISH' and the JST Japan Science and Technology Agency logo. A navigation bar contains links for 'TOP', 'About', 'Information on open calls for applications', and 'List of exchange plans and achievements'. The main heading is 'Exchange plans and achievements'. Below it is a breadcrumb trail: 'JST Top > Networked Exchange, United Strength for Stronger Partnerships between Japan and ASEAN (NEXUS) > Young Talents Exchange and Capacity Development Program > List of exchange plans and achievements > Exchange plans and achievements'. A filter for 'Leadership Exchange Course' and 'FY2024' is present. The main title of the project is 'Support for constructing a research data management (RDM) scheme in Vietnamese universities and research institutes'. The details section lists: Japanese Organization: Kyoto University; Principal Implementer: Associate Prof. OHNO Mikiko (Center for Southeast Asian Studies); ASEAN Organization: Vietnam (Vietnam Academy of Social Sciences, Vietnam Japan University (VJU)); and Number of Participants: [ASEAN to Japan] - and [Japan to ASEAN] Vietnam 2.

NEXUS 日 ASEAN 科学技術・イノベーション協働連携事業
Networked Exchange, United Strength for Stronger Partnerships between Japan and ASEAN

JAPANESE / ENGLISH JST Japan Science and Technology Agency


TOP About Information on open calls for applications List of exchange plans and achievements

Exchange plans and achievements

[JST Top](#) > [Networked Exchange, United Strength for Stronger Partnerships between Japan and ASEAN \(NEXUS\)](#) > [Young Talents Exchange and Capacity Development Program](#) > [List of exchange plans and achievements](#) > Exchange plans and achievements

Leadership Exchange Course FY2024

Support for constructing a research data management (RDM) scheme in Vietnamese universities and research institutes

Japanese Organization	Kyoto University
Principal Implementer	Associate Prof. OHNO Mikiko (Center for Southeast Asian Studies)
ASEAN Organization	 Vietnam Vietnam Academy of Social Sciences, Vietnam Japan University (VJU)
Number of Participants	[ASEAN to Japan] - [Japan to ASEAN] Vietnam 2

Aims to create opportunities to build, maintain, and develop human exchanges for future joint research between the two countries

2. Research Data Management at Kyoto University

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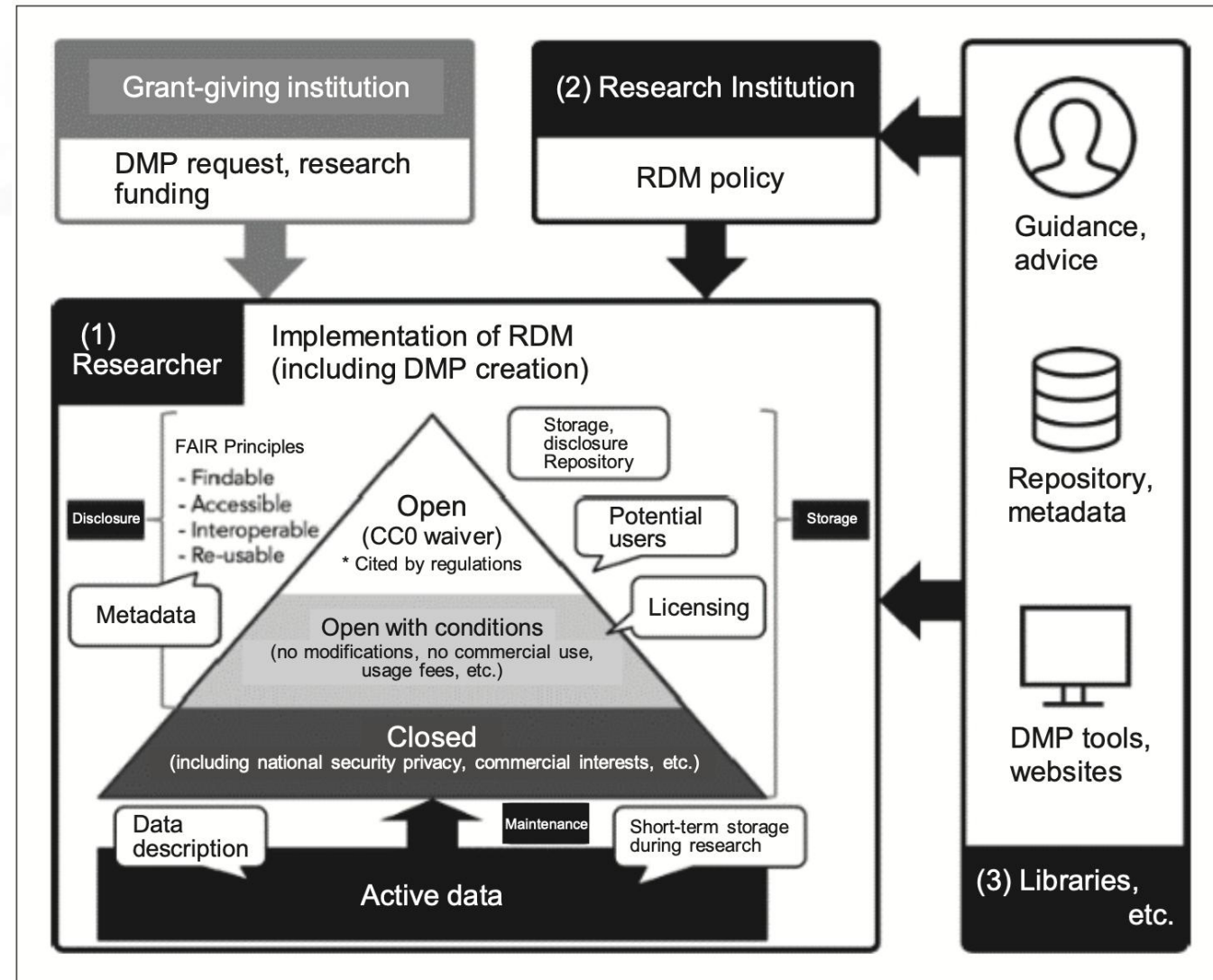
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RDM and Stakeholders

Appropriate RDM is now widely adopted by academic institutions, as it enables them to assess and enhance their research capabilities, thereby establishing the necessary infrastructure and providing support.

RDM and Stakeholders

- RDM implementation by **researchers**
- RDM policies by **research institutions**
- **Support for RDM by libraries and other institutions**



RDM Support Center started in 2024

Research Administration Office

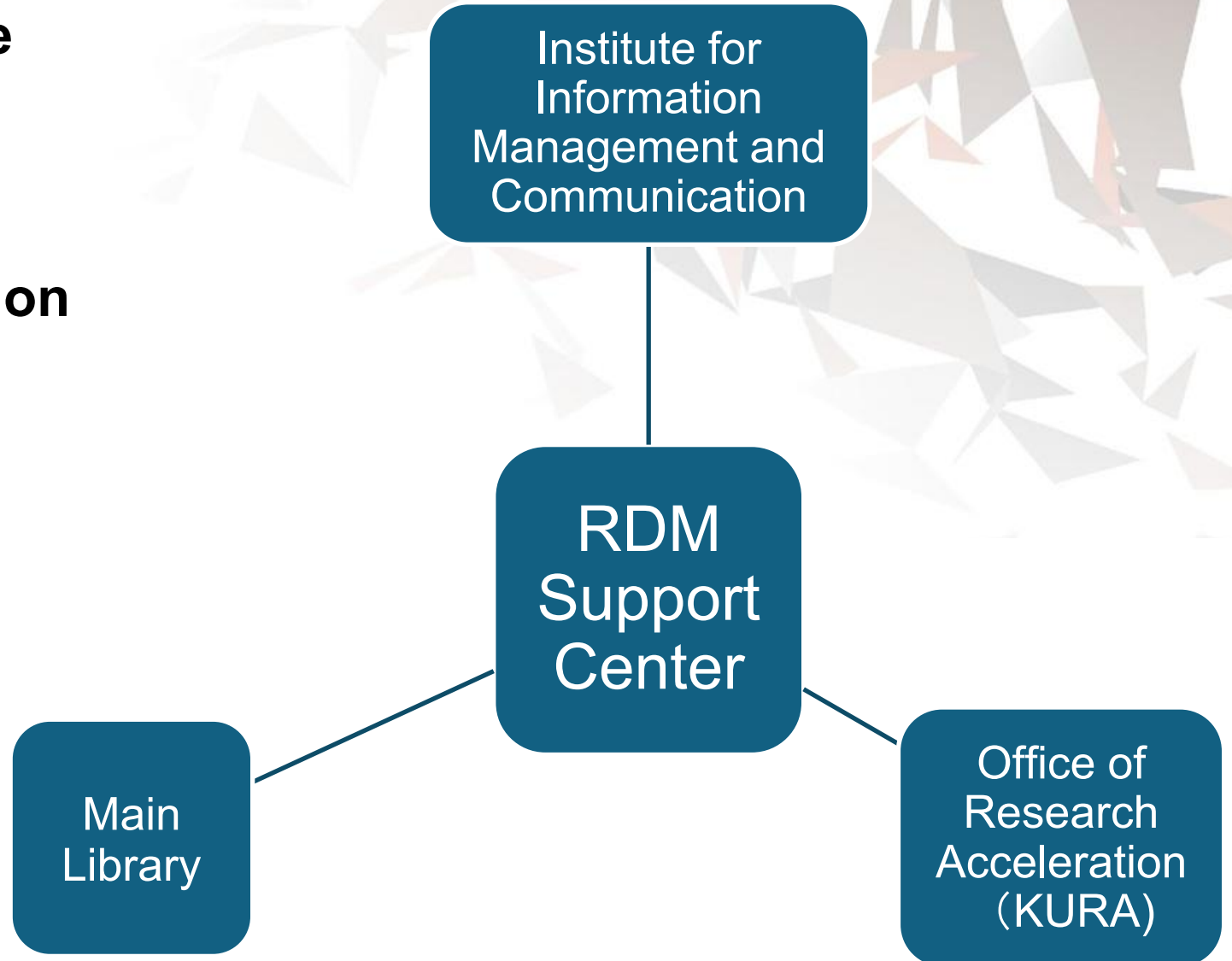
- responsible for policy-making

Institute for Information Management and Communication (IIMC) & Main Library

- provide RDM services

Tasks

- Consultation on RDM
- Guidelines
- Training



Hierarchy of Research Data Management Services

1. **National Level**: **GakuNin RDM** is a research data management system provided by the National Institute of Informatics (NII). It centrally manages diverse data held by research teams, supporting the efficient and equitable use of data.

Problems :

- Limited storage capacity and file size (100 GB per user)
- Restrictions on external storage integration
- Occasional instability in performance and availability
- Limited support system
- Uncertainty about future cost and pricing model

2. **University Level**: **KURENAI** is Kyoto University's institutional repository

Problems:

- Coverage is limited mainly to Kyoto University-employed researchers
- Limited storage capacity and file size (mostly 5GB)
- Metadata quality and consistency vary across records
- Integration with international repositories and data platforms remains limited

3. **Importance of Institutional Level Service ⇒ MyDatabase (Center for Southeast Asian Studies)**

MyDatabase

- MyDatabase is an “Easy to Use” database builder for humanities
- There are no significant restrictions on the metadata structure
- MyDatabase API for advanced GUI

The screenshot displays the MyDatabase web interface. On the left, a map of Japan is shown with red location markers. A 'Spatial' label is overlaid on the map. On the right, a table lists historical records with columns for 'No.' and 'Title'. Below the map, a 'Time Line' section shows a chronological list of records. At the bottom, a 'Key Words' search box is visible with a '検索' (Search) button.



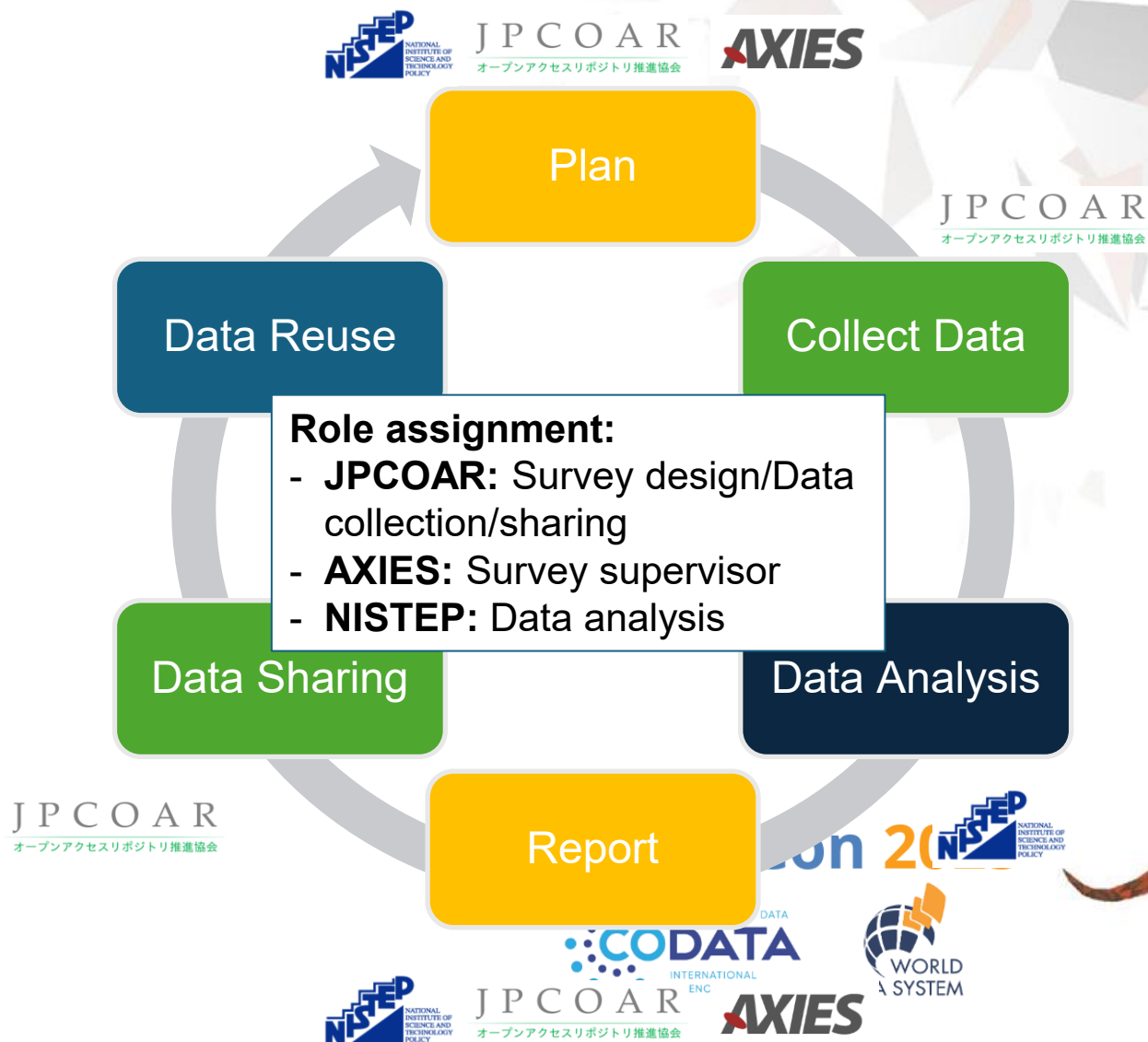
3. Current situation of RDM in Japan and Southeast Asia

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Survey of Research Data Management Initiatives in Japanese Institutions



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Summary

Survey Title	Survey of RDM Initiatives in Japanese Institutions, 2020	Survey of RDM Initiatives in Japanese Institutions, 2022	Survey of RDM Initiatives in Japanese Institutions, 2024
Universe	Japanese universities and research institutions	Japanese universities and research institutions	Japanese universities and research institutions
Sample Size	352 valid responses (about 53.4% within the JPCOAR)	309 valid responses (about 42.7% within the JPCOAR)	295 valid responses (about 38.1% within the JPCOAR)
Date of collection	November 27, 2020, to December 28, 2020	November 28, 2022, to December 28, 2022	November 25, 2024, to December 27, 2024
Major Survey Items	<ul style="list-style-type: none"> • Basic information • Understanding user needs • Status of developing data policies and procedures • Status of research data management services • Status of IT infrastructure 	<ul style="list-style-type: none"> • Basic information • Understanding user needs • Status of developing data policies and procedures (<u>including Budgets</u>) • Status of research data management services • Status of IT infrastructure 	<ul style="list-style-type: none"> • Basic information • Understanding user needs • Status of developing data policies and procedures (<u>including Budgets</u>) • Status of research data management services • Status of IT infrastructure
Data URL	https://doi.org/10.34500/SSJDA.1587	https://doi.org/10.34500/SSJDA.1588	(Scheduled for release in FY2025)

Conducted biennially from 2020; responses received from 300-350 institutions, mainly JPCOAR participating institutions

Preliminary Survey



Courtesy call to Vietnam Academy of Social Sciences in July



International workshop at PNC 2025 in September

Short-Questionnaire at PNC 2025

Overview

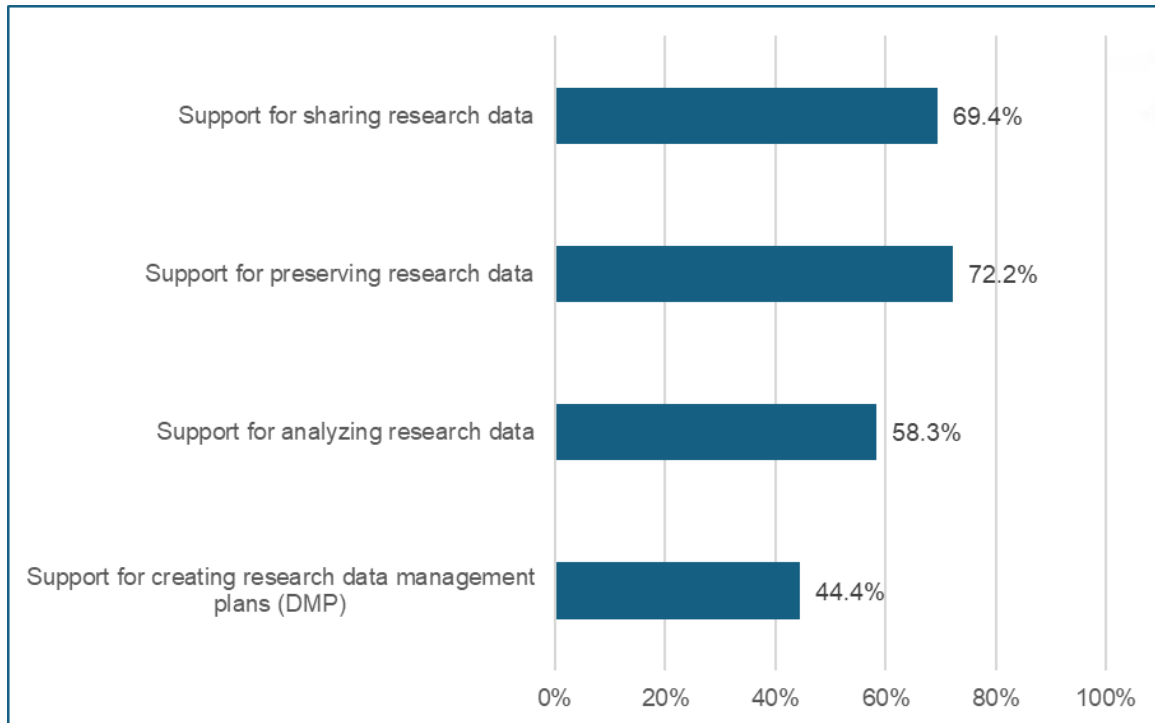
1. Universe: PNC invited session participants + α
2. Date of collection: September 22, 2025, to October 3, 2025
3. Sample size: 36 valid responses
 - Vietnam: 7
 - Thailand: 11
 - Taiwan: 5
 - Philippines: 6
 - Other Countries (Malaysia, Laos, Indonesia, China, Cambodia): 7
4. Major Survey Items (10 questionnaire)
 - Needs for Research Data Management Services
 - Storage
 - Software for data analysis
 - Authentication system

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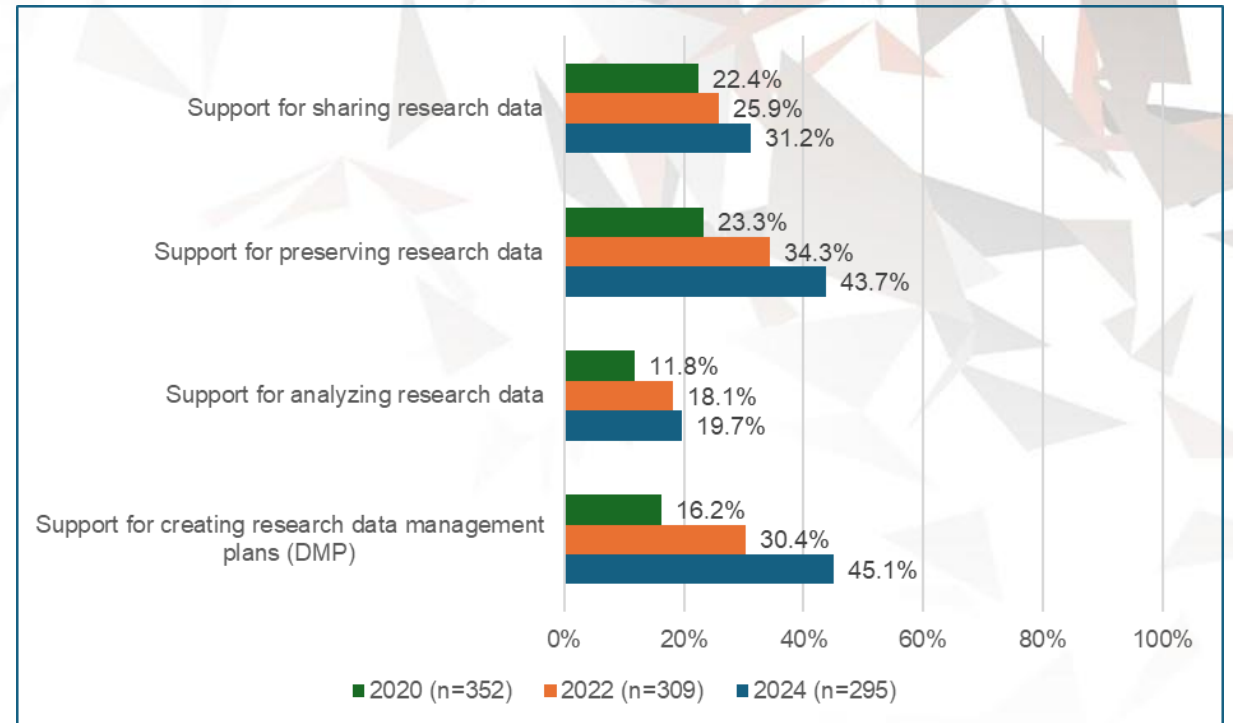


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Q6. What services do you think are most in demand among researchers? (Mark all that apply)



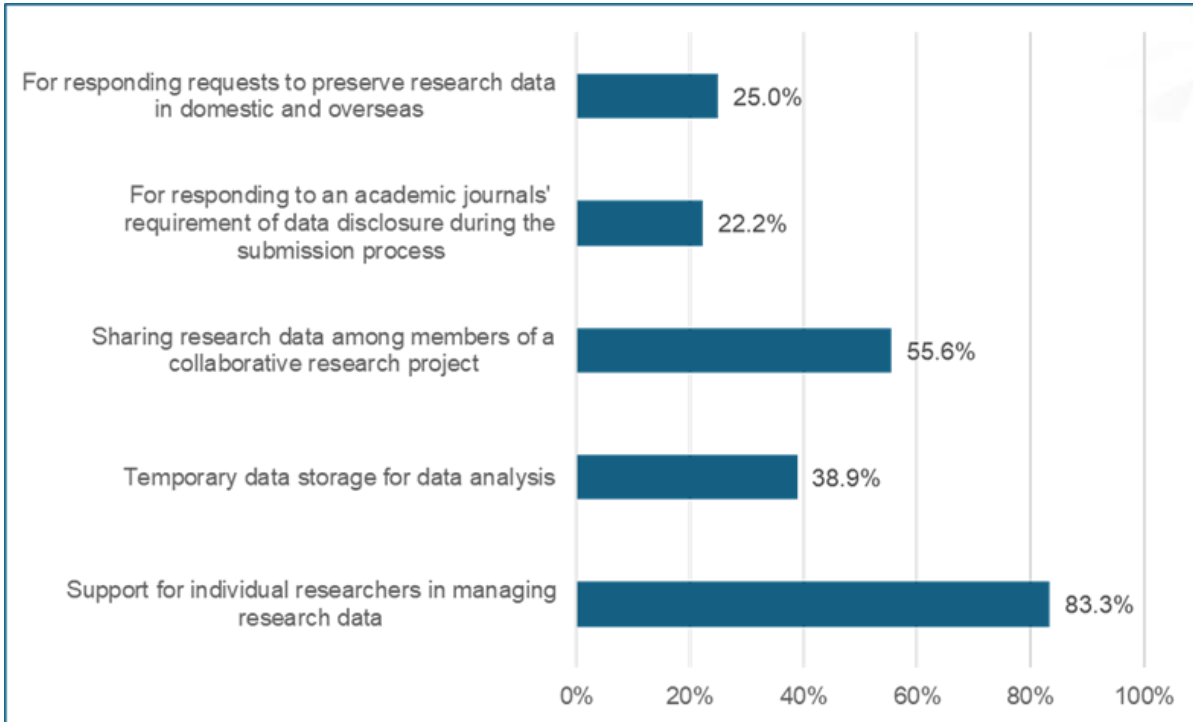
Asia Pacific



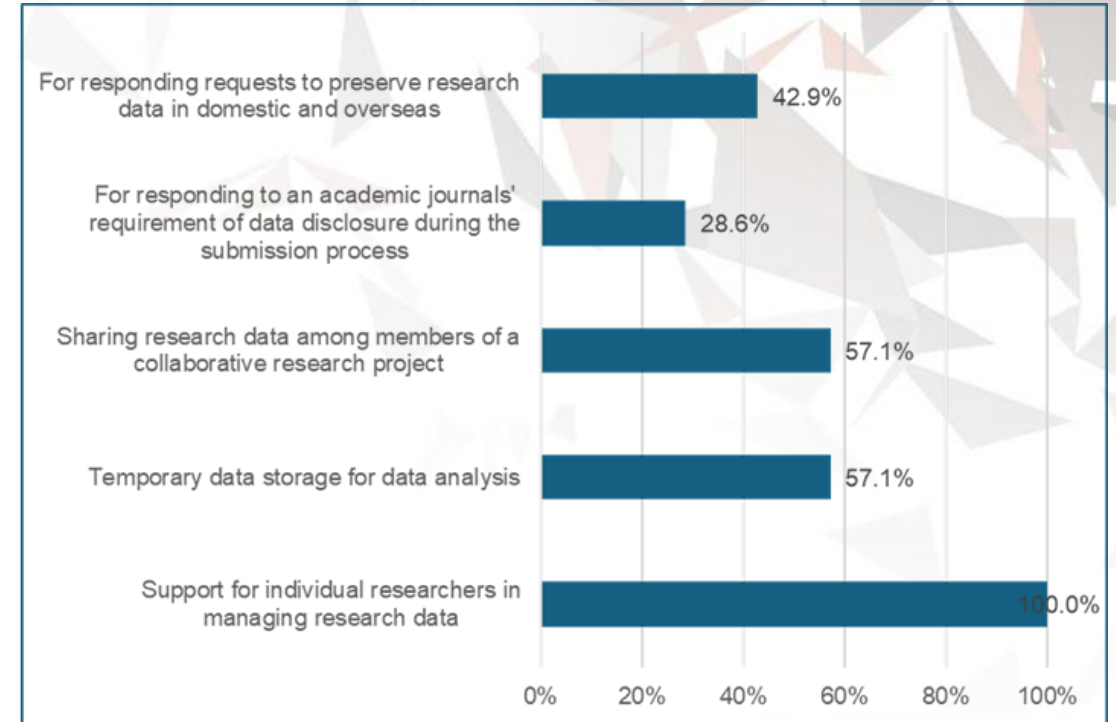
Japan

Priority difference: Preservation tops in Asia-Pacific, but DMP tops in Japan

Q3-2. Please tell the purpose of the storage implementation. (Mark all that apply)



Asia Pacific



Viet Nam

No change in priorities; but increased awareness of long-term preservation and data analysis?

Conclusion

1. Project background
 - Overview of JST Nexus Y-tec Project
1. Research Data Management at Kyoto University
 - Establishment of RDM schemes in Japan: the case of Kyoto University
 - Provides IT infrastructure at three levels: national, university and research group level
2. Current situation of RDM in Japan and Southeast Asia
 - Large-scale surveys on the status of RDM initiatives are being conducted at national level in Japan
 - Seeking to expand into Southeast Asia, particularly Vietnam, which is a cooperating country in this project

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