

# Explore KURENAI: Kyoto University's Open Science Platform

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Webinar for TU Delft

May 28, 2025



京都大学

KYOTO UNIVERSITY

# Overview of Kyoto University

- A national university founded in 1897
- 8,020 staffs
- 22,600 students (undergraduate & graduate)
- 10 faculties and multiple graduate schools covering a wide range of disciplines
- Renowned for cutting-edge research in science, engineering, humanities, and social sciences



# Open Science Policies at Kyoto University

- Kyoto University Open Access Policy (2015)

<https://www.kulib.kyoto-u.ac.jp/content0/13092?lang=en>

- The first open access policy in Japan
- The policy mandates faculty members to publicize in principle their academic articles on the Internet by depositing them in KURENAI

- Kyoto University Policy on Research Data Management and Sharing (2020)

<https://www.kyoto-u.ac.jp/en/research/research-policy/rdm>

- The first research data policy in Japan
- “Kyoto University will promote the utilization of research data by sharing it to the greatest possible extent ...”

# Government Actions in Open Science

2015 : Report on The 5<sup>th</sup> Science and Technology Basic Plan

2016-2020 “Promotion of open science”

2021 : Report on The 6<sup>th</sup> Science and Technology Basic Plan

2021-2025 “Construction of new research systems (promotion of open science and data-driven research, etc.)”

2021 : Response to Issues on Scholarly Communication in Japan (Summary of deliberations)

MEXT: Committee on Information Science and Technology, Council for Science and Technology

2022 : Fundamentals of the Management and Use of Research Data using Public Funds

The Integrated Innovation Strategy Promotion Council

2022 : JST Launched Jxiv – National preprint server

2023 : G7 Hiroshima 2023, G7 S&T Sendai 2023

The countries agreed to cooperate in expanding open science initiatives

**2024 : Basic policy for realizing immediate open access to academic papers and research data**

The Integrated Innovation Strategy Promotion Council

**2024 : Specific measures to be taken in implementing the basic policy for realizing immediate open access to academic papers and research data**



**Promoting  
Open Science**

# Measures for Implementing the Basic Policy

According to “Specific measures to be taken in implementing the basic policy for realizing immediate open access to academic papers and research data” revised 8th October 2024,

Researchers receiving competitive research grants from public funds must publish their **peer-reviewed academic papers** and **evidence data in institutional repositories** immediately after journal publication.

Target :

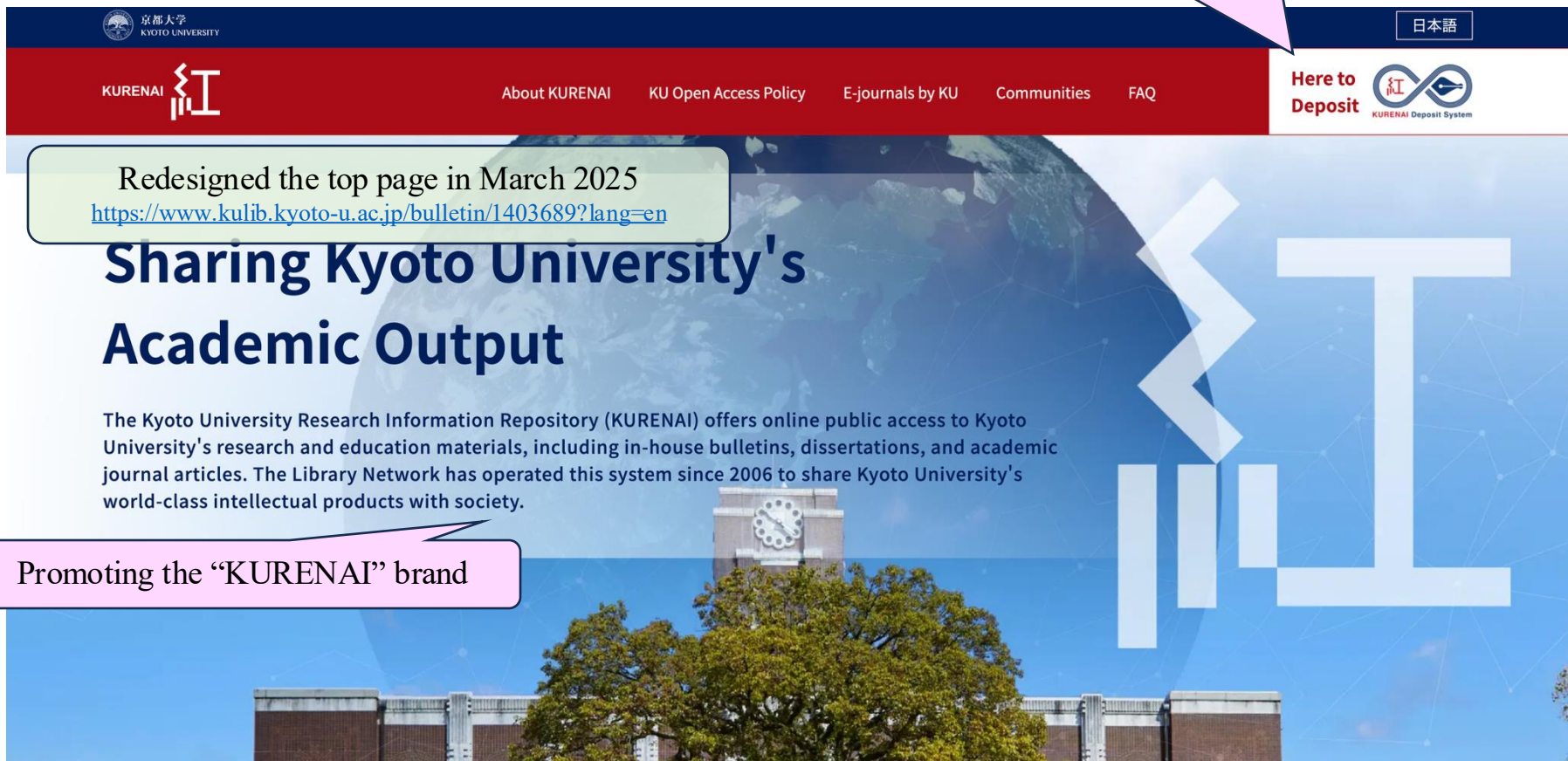
- Some competitive research funding, open for applications in 2025
- Peer-reviewed research articles published in electronic journals
- Evidence data required to be published in the publication rules

# Overview of KURENAI

- KURENAI = Kyoto University Research Information Repository
- Launched in 2006
- Purpose: KURENAI *electronically collects and permanently stores research and educational achievements generated at Kyoto University, with the objective of assuring their free open access, to further research and public accountability*  
[https://www.kulib.kyoto-u.ac.jp/uploads/oa\\_KURENAI-policy\\_en.pdf](https://www.kulib.kyoto-u.ac.jp/uploads/oa_KURENAI-policy_en.pdf)
- Built on DSpace, an open-source platform for building and managing institutional repositories

# Design: Top Page

Easy navigation to the KURENAI Deposit System (details to follow)



Redesigned the top page in March 2025

<https://www.kulib.kyoto-u.ac.jp/bulletin/1403689?lang=en>

## Sharing Kyoto University's Academic Output

The Kyoto University Research Information Repository (KURENAI) offers online public access to Kyoto University's research and education materials, including in-house bulletins, dissertations, and academic journal articles. The Library Network has operated this system since 2006 to share Kyoto University's world-class intellectual products with society.

Promoting the “KURENAI” brand

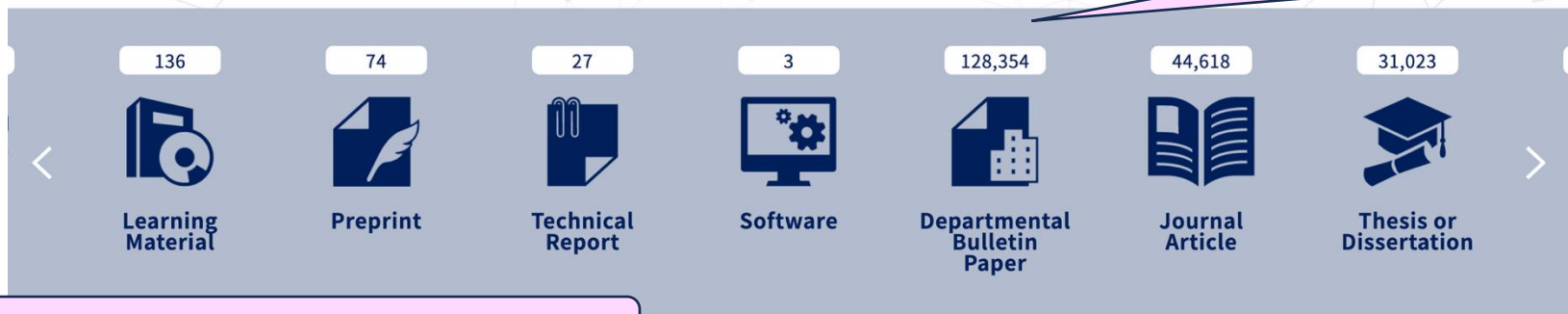
# Design: Top Page

京都大学学術情報リポジトリ  
**KURENAI**   
Kyoto University Research Information Repository

Total Items

**243,313**

Content icons to enhance clarity



Search functions to facilitate content discovery

**Search KURENAI**

Title, Author, Keyword...

 Search

  
TOP

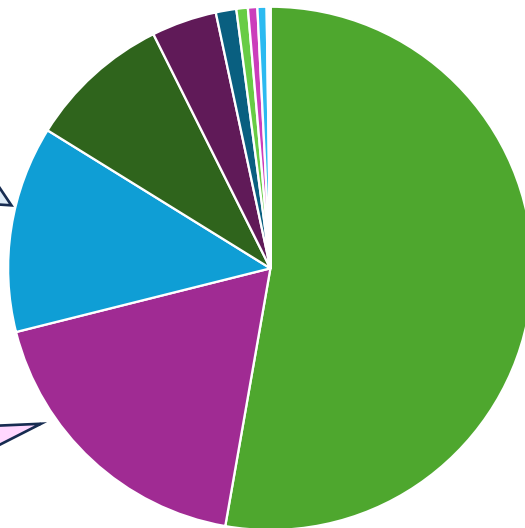


# What's in KURENAI?

13% are **dissertations**, as doctoral dissertations must be available on an IR according to the Japanese degree regulation


18% are **journal articles** made available via green open access

More than half are **departmental bulletin papers** (see next slide 😊)



- departmental bulletin paper
- journal article
- dissertation
- other
- article
- research paper
- conference paper
- presentation
- book
- dataset
- learning material
- preprint
- technical report
- software

# Departmental Bulletin

- Departmental Bulletin is a journal issued by a specific department within an organization such as a university
- It serves as a medium for sharing information, research, events, and other relevant content with its stakeholders
- It usually does not cost for publishing and reading  
⇒ Considered as a Diamond Open Access Journal 

# Departmental Bulletins on KURENAI

270 departmental bulletins (including inactive) are available on KURENAI

list of 270 departmental bulletins on KURENAI  
<https://repository.kulib.kyoto-u.ac.jp/bulletin/index.html>



Example of a departmental bulletin on KURENAI  
<http://hdl.handle.net/2433/262731>

Users can browse by volumes



KURENAI functions as a “diamond open access journal platform”



# How to Collect Research Outputs: KURENAI Deposit System

- A system for faculty members to deposit articles and datasets in KURENAI
- Renewed in February 2025  
<https://www.kulib.kyoto-u.ac.jp/bulletin/1403261?lang=en>
- Automatically retrieves his/her article metadata from *Web of Science* and *researchmap* to facilitate deposits
- User Guide: <https://www.kulib.kyoto-u.ac.jp/content0/1370229?lang=en>

# How to Collect Research Outputs: KURENAI Deposit System

The list of articles required to be deposited, extracted from Web of Science and researchmap

## Contributions:

- It helps users easily understand what they need to deposit
- There is no need to manually enter article metadata.

**KURENAI Deposit System**

You can register any research output, such as articles, research data or teaching materials.  
The registered research outputs will be published on KURENAI after the copyright has been confirmed by the library staff.

[Renewal] <The Repository Registration System> has been reborn as the new <KURENAI Deposit System> as of 2025/02/25!  
For more information, please visit → <https://www.kulib.kyoto-u.ac.jp/content/0/1370229> (2025.02.25)

**Create new data**  
Cite and register article information from DOIs and other sources.

DOI:  **Cite**

**Reuse data**  
Cite and register article information from Web of Science and The Activity Database on Education and Research.

Partial search by DOI, title or author from list below. **Search** **Reset**

ID	Type	Article Information	
588343	Articles	Exploration of Multi-Lingual Community Structure in Scholarly Articles Vikram Ramavarapu, Chifumi Nishiohka Proceedings of the 24th ACM/IEEE Joint Conference on Digital Libraries, 1-3, (2024-12-16) <a href="https://doi.org/10.1145/3677389.3702567">10.1145/3677389.3702567</a>	<b>Deposit into KURENAI</b>
587229	Articles	French Open Science Monitorによるオープンサイエンスの観測 西岡 千文 情報の科学と技術, 74, 9, 377-381, (2024-09-01) <a href="https://doi.org/10.18919/jkg.74.9.377">10.18919/jkg.74.9.377</a>	<b>Deposit into KURENAI</b>
587228	Articles	オープンアクセス推進におけるPlan Sのインパクト 西岡 千文 情報の科学と技術, 74, 12, 535-537, (2024-12-01) <a href="https://doi.org/10.18919/jkg.74.12.535">10.18919/jkg.74.12.535</a>	<b>Deposit into KURENAI</b>
587227	Articles	オープンな研究情報に関するバルセロナ宣言とロードマップの検討 西岡 千文 情報の科学と技術, 75, 3, 126-129, (2025-03-01) <a href="https://doi.org/10.18919/jkg.75.3.126">10.18919/jkg.75.3.126</a>	<b>Deposit into KURENAI</b>
460055	Articles	機関リポジトリにおける識別子・ライセンスの付与状況 西岡千文 (2021-03)	<b>Deposit into KURENAI</b>

Items not published

Click the “Deposit into KURENAI” button, check the metadata, and upload the file

# researchmap

- ❑ A researcher information database in Japan, operated by the Japan Science and Technology Agency (JST)
- ❑ Most researchers **have their own profile page**, which they **manage themselves**
- ❑ Covers a wide range of research activities, including publications, grants, and teaching and outreach experiences
- ❑ Frequently used for **personnel evaluation**, and **grant reviews**
- ❑ Many **Current Research Information Systems** (CRISs) rely on researchmap
- ❑ Thus, keeping their profiles **accurate and up-to-date** is essential for visibility and credibility

<https://researchmap.jp/cnishioka>

日本語 | English | Sign up | Log in

researchmap

Chifumi Nishioka  
(西岡 千文)

Modified on: 03/31

Home | Research Areas | Papers | Misc. | Books and Other Publications | Presentations | Teaching Experience | Professional Memberships | Committee Memberships | Research Projects | Academic Activities | Awards

Menu

My portal

Coauthors

Sho SATO  
05/19 Updated

Kiyonori Nagasaki  
05/20 Updated

Hiroaki Ogata  
04/30 Updated

Seisuke Yamashita  
03/31 Updated

Masashi Kawai  
03/18 Updated

Profile Information

Affiliation Associate Professor, Institute for Information Management and Communication, Kyoto University

J-GLOBAL ID [201701017084394824](#) researchmap Member ID B000276891

Research Areas 1

- Humanities & social sciences / Library/information science, humanistic/social informatics /

Papers 38

Exploration of Multi-Lingual Community Structure in Scholarly Articles  
Vikram Ramavarapu, Chifumi Nishioka  
Proceedings of the 24th ACM/IEEE Joint Conference on Digital Libraries, 1-3, Dec 16, 2024 [Peer-reviewed](#) [Lead author](#)

海外学術情報基盤が提供する機関向けダッシュボードの比較分析  
池谷 雅也, 大波 純一, 金沢 輝一, 西岡 千文, 高久 雅生, 山地 一樹  
情報知識学会誌, 42(1) 3-17, Feb, 2024 [Peer-reviewed](#)

Possibility of Open Citation in Humanities—A Case in Indian and Buddhist Studies—  
Chifumi Nishioka, Kiyonori Nagasaki, Motohiro Shimizu, Masahiro Shimoda  
2022 257-262, Dec 2, 2022 [Peer-reviewed](#) [Lead author](#) [Corresponding author](#)

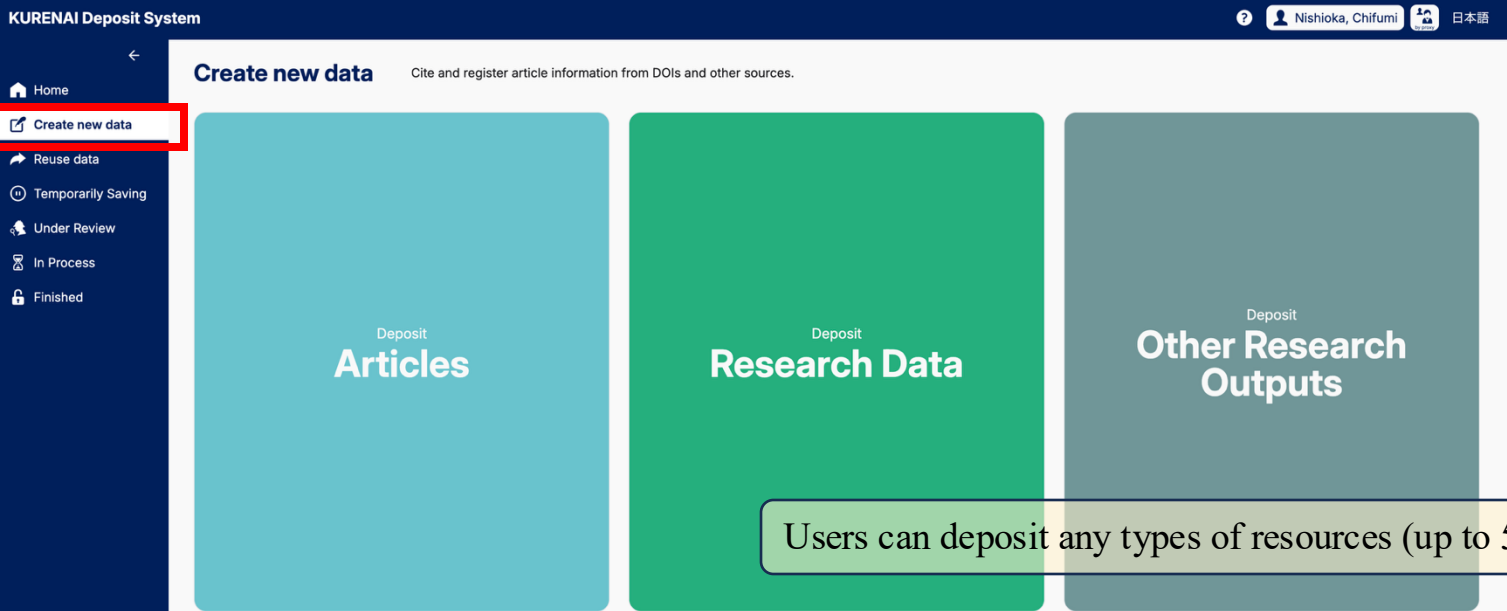
Interdisciplinarity Inference Using a Cross Encoder between Research Projects  
Teruhito Kanazawa, Hidekazu Nakawatase, Saku Sugawara, Chifumi Nishioka  
2022 Joint 12th International Conference on Soft Computing and Intelligent Systems and 23rd International Symposium on Advanced Intelligent Systems (SCIS&ISIS), 1-4, Nov 29, 2022 [Peer-reviewed](#)

How does author affiliation affect preprint citation count?  
Chifumi Nishioka, Michael Färber, Tarek Saier  
Proceedings of the 22nd ACM/IEEE Joint Conference on Digital Libraries, (28) 1-8, Jun 20, 2022 [Peer-reviewed](#) [Lead author](#) [Corresponding author](#)

Understanding IIIF image usage based on server log analysis  
Chifumi Nishioka, Kiyonori Nagasaki  
Digital Scholarship in the Humanities, 36(Supplement\_2) ii210-ii221, Nov 5,

# How to Collect Research Outputs: KURENAI Deposit System

If we want to deposit a record that is not included in the list...



The screenshot displays the KURENAI Deposit System interface. The top navigation bar includes the system name, a help icon, a user profile for 'Nishioka, Chifumi', and a language selector for '日本語'. The left sidebar contains a list of navigation options: 'Home', 'Create new data' (highlighted with a red box), 'Reuse data', 'Temporarily Saving', 'Under Review', 'In Process', and 'Finished'. The main content area is titled 'Create new data' and includes the instruction 'Cite and register article information from DOIs and other sources.' Below this, there are three large colored boxes representing different deposit categories: 'Deposit Articles' (light blue), 'Deposit Research Data' (green), and 'Deposit Other Research Outputs' (grey-blue). A yellow callout box with a black border is positioned over the 'Research Data' box, containing the text: 'Users can deposit any types of resources (up to 5 GB)'. At the bottom of each category box, there are expandable FAQ sections indicated by a '+' icon and a question mark.

**KURENAI Deposit System**

Home

**Create new data**

Reuse data

Temporarily Saving

Under Review

In Process

Finished

**Create new data** Cite and register article information from DOIs and other sources.

Deposit  
**Articles**

Deposit  
**Research Data**

Deposit  
**Other Research Outputs**

Users can deposit any types of resources (up to 5 GB)

+ Q. How can I deposit the data from my research with my article?

+ Q. How can I deposit only the research data?

+ Q. What is research data?

+ Q. What happens when I register my data?

+ Q. What is other research outputs?

# How to Disseminate Research Outputs

Connection to external bibliographic databases



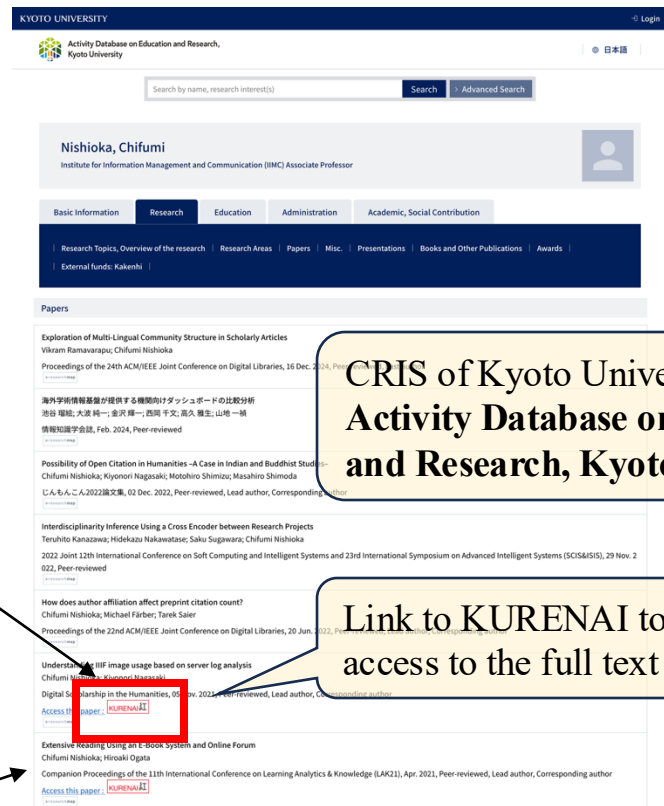
OAI-PMH





# How to Disseminate Research Outputs

Connection to internal CRIS




CRIS of Kyoto University:  
Activity Database on Education  
and Research, Kyoto University

Link to KURENAI to enable easy  
access to the full text

researchmap

# Conclusion

- Kyoto University and the Japanese government promote open science
- KURENAI (Kyoto University Research Information Repository) contributes to collect and disseminate research outputs by Kyoto University
  - Publish a lot of **departmental bulletins** (Diamond Open Access )
  - Facilitate researchers to deposit by **KURENAI Deposit System**
  - Disseminate records to domestic and international bibliographic databases and CRIS