




JOSS2026

▶ researchmap

Case Studies on the Use of PIDs for Reducing Researcher Burden

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<https://researchmap.jp/>

Benefits of Using PIDs

- **General Benefits**
 - **Unique Identification**
 - **Easy management of accurate metadata**
 - **Easy tracking and evaluation of research outputs**
 - **Improved interoperability between systems, etc.**
- **Benefits of researchmap**
 - **Elimination of name variations and inconsistencies (improved accuracy)**
 - **Improved visibility and discoverability of content**
 - **Reduced burden on researchers**

Overview of researchmap



An online database for researchers,
primarily those affiliated with Japanese research institutions

- ▶ Over 400,000 registered researchers
- ▶ Researchers can manage and showcase their outputs
- ▶ Used for research grant applications and reporting

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Entering Publication Metadata in e-Rad

Publication metadata must be entered when applying for or reporting research grants via e-Rad.

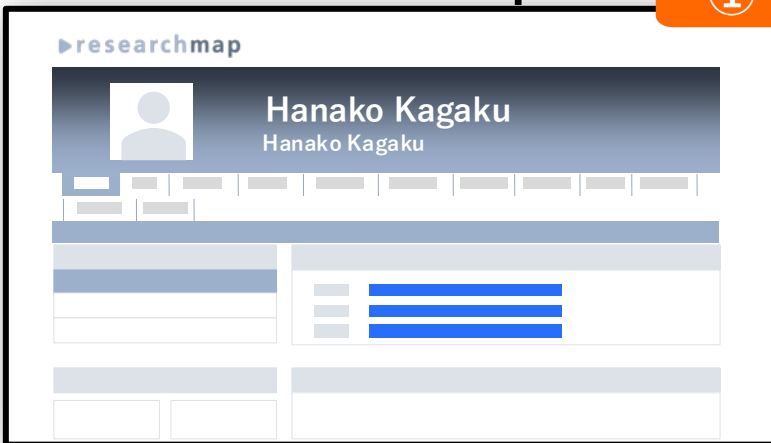
- ① Manual entry
- ② CSV upload
- ③ Selection from researchmap data

Cumbersome

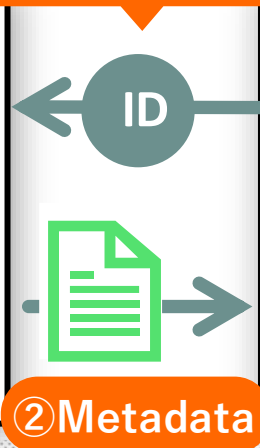
Requires creating a new CSV file each time

publications registered in researchmap can simply be selected

researchmap



① researchmap ID



e-Rad



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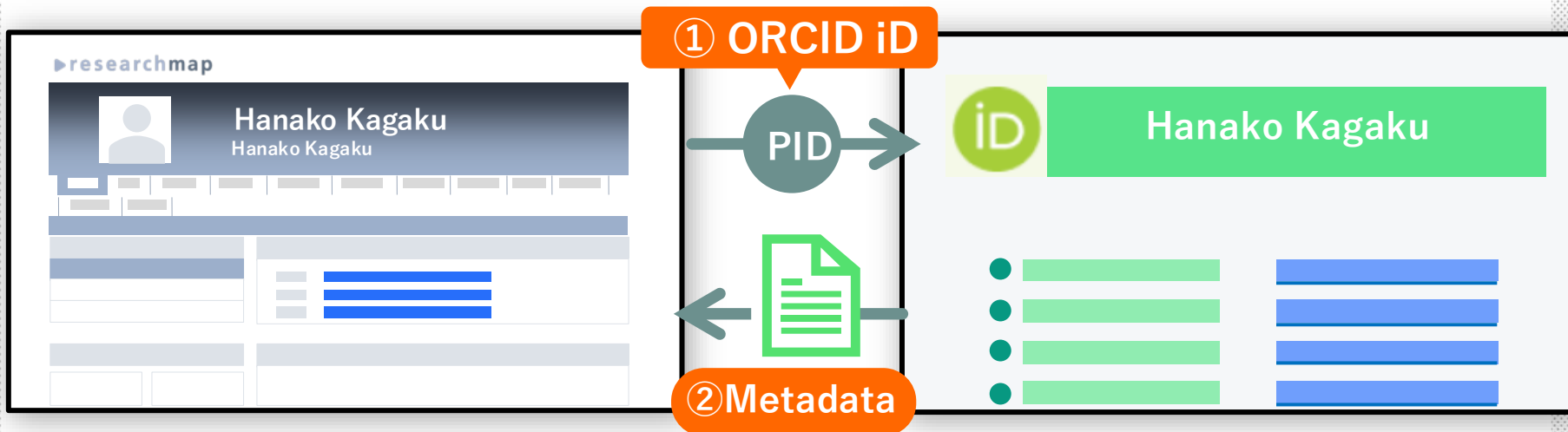
- ▶ Over 400,000 registered researchers
- ▶ **Researchers can manage and showcase their outputs**
- ▶ Used for research grant applications and reporting

Using PIDs

Registering Research Outputs on researchmap (Example 1)

researchmap

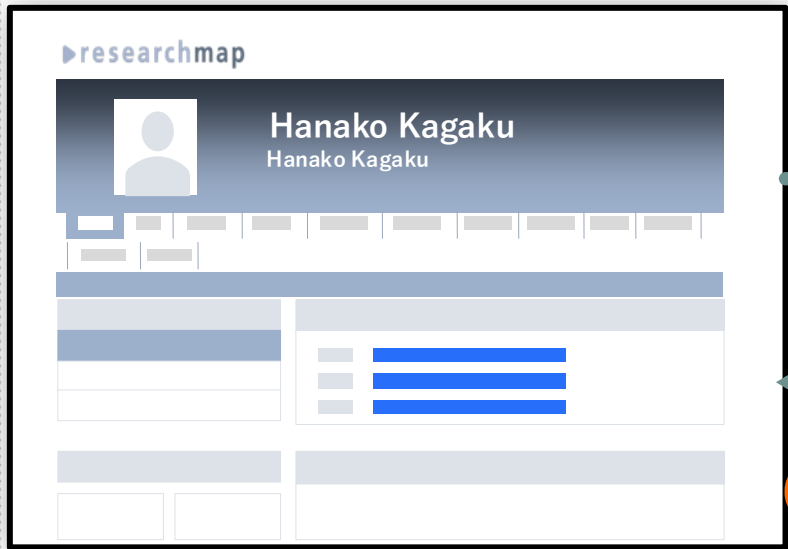
ORCID



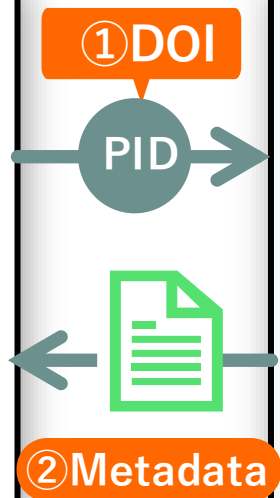
If you link your ORCID iD to researchmap in advance, you can import publication metadata from ORCID into researchmap.

Registering Research Outputs on researchmap (Example 2)

researchmap

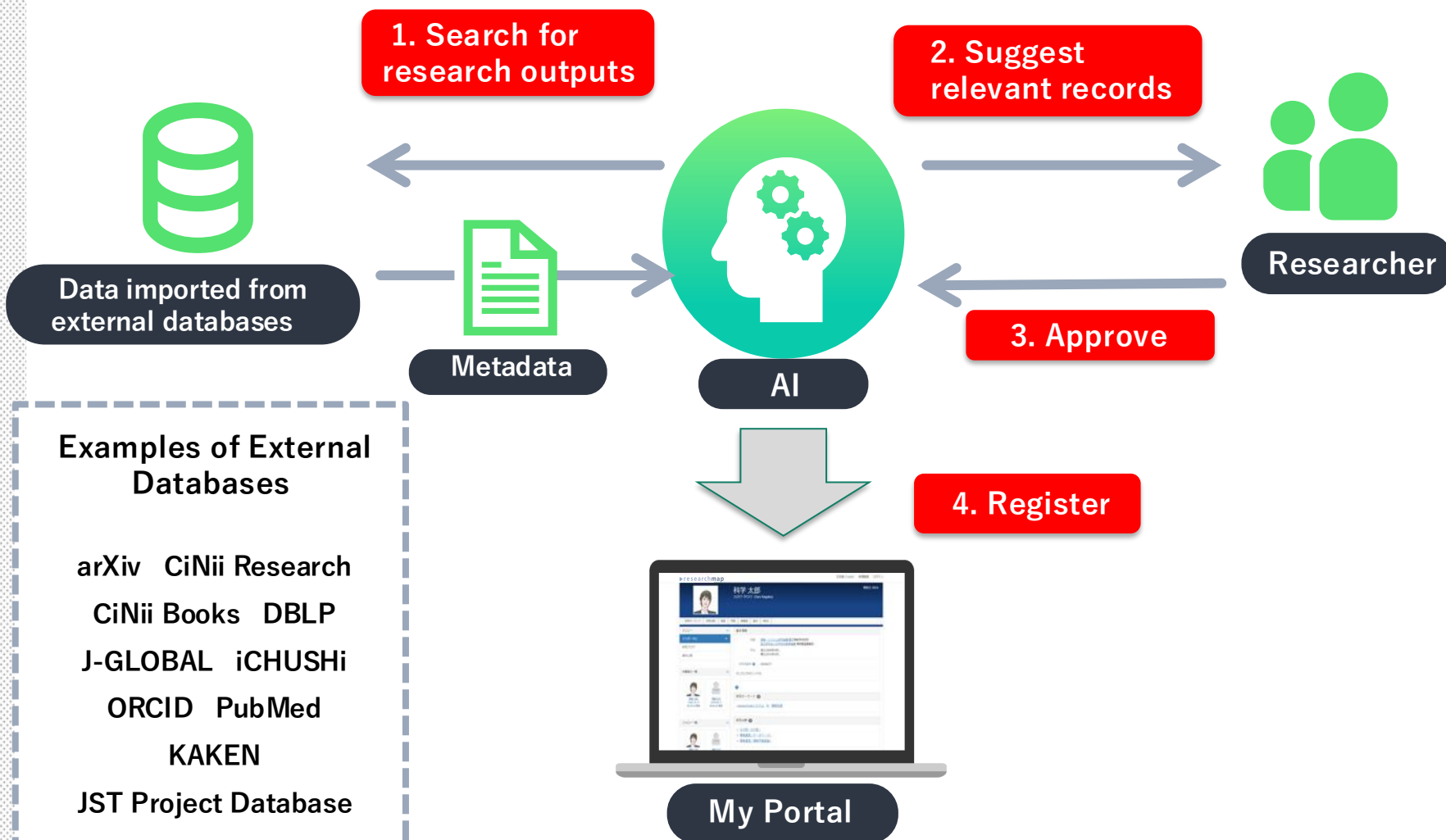


DOI Registration Agencies



By entering a DOI,
publication metadata can be imported from Crossref

Registering Research Outputs on researchmap (Example 3, AI assisted)



Metadata Flow on researchmap (General Overview)

Researchers

Use of PIDs & AI assist



Only selection required

Manual
Entry



▶researchmap

- Personal Profile
- Research Interests
- Research History and Education
- Professional Memberships
- Committee Memberships and Awards
- **Publications**
- Presentations
- **Research Projects**

Examples of External Databases

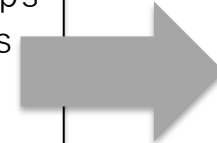
arXiv CiNii Research
 CiNii Books DBLP
 J-GLOBAL iCHUSHI
 ORCID PubMed

etc.

Metadata Import



Metadata Utilization

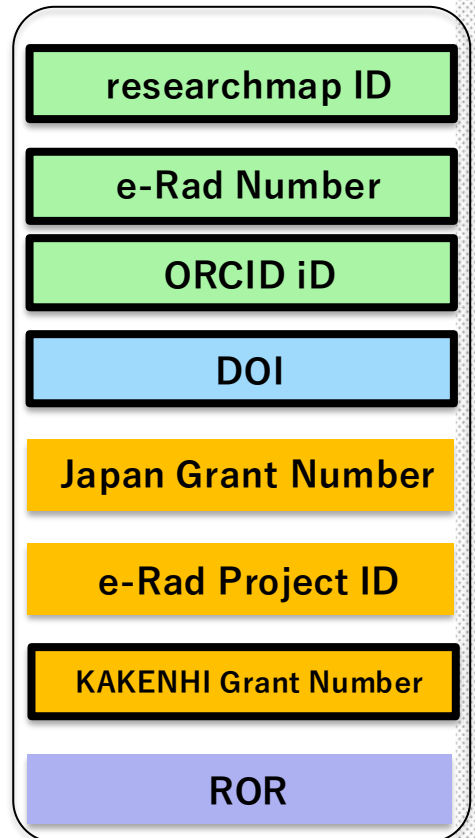


Future Challenges

- Widely disseminating accurate information helps strengthen the academic information infrastructure
 - Reducing the burden on researchers to allow them to focus on research activities
 - Promoting collaborative research and other initiatives by enhancing the presence of research outcomes
 - Enhancing community building among researchers

- Building a PID ecosystem in Japan is essential
 - researchmap also requires a clear strategy for selecting and using PIDs

Recognized in Japan
Examples of major IDs



Legend:

Already
implemented in
researchmap

Thank you for listening!



ようこそ！ researchmapへ！

業績管理をもっと簡単に、もっと快適に。

researchmap Contact Form

<https://researchmap.jp/public/inquiry?lang=en>