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<th>Title</th>
<th>Development of Shinshu University Online System of General Academic Resources (SOAR)</th>
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<tr>
<td>Author(s)</td>
<td>IWAI, Masashi (Shinshu University, Japan)</td>
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Osaka University Knowledge Archive : OUKA

https://ir.library.osaka-u.ac.jp/repo/ouka/all/

Osaka University
Development of Shinshu University Online System of General Academic Resources (SOAR)

IWAI Masashi
Shinshu University Library

DRF International Conference 2008
at Osaka, 31th January 2008

Features of the SOAR

• Coordination between institutional repository and researcher directory
• Linking external resources (e-journal, Web of Science)
• Low cost
• Provision of the system with no charge
Main Concept

• Improving visibility

• Reducing burden

• Saving costs
Improving Visibility

Search Engine-Driven Navigation

Google, Yahoo, ...

Researcher

Name
Positions
Education
Awards
Publications
...

Citation Data
(Web of Science)

EE-Journal

Paper A

Paper B

Web of Science

Citizens, Industries, Governments / Researchers, Students

Google • Yahoo

SOAR

“SOAR” has just soared into the world from Shinshu Univ.

Citizens, Industries, Governments / Researchers, Students

Google • Yahoo

http://soar-ed.shinshu-u.ac.jp/
https://soar-rd.shinshu-u.ac.jp/

Researcher Directory
- Database for publicizing profiles of researchers at Shinshu University and their research/education activities.
- Shinshu University has developed this system based on XML, the global standard.

Institutional Repository
- Recording and making available research achievements (full-text articles) of researchers at Shinshu University at no charge

Electronic Journal
- Nature/Science/Elsevier/Wiley/Springer/Blackwell/etc.

Link back to Web of Science

Web of Science
- Academic literature database provided by Thomson Scientific
- Deployed by major universities around the world

Native XML Database
developed by Media Fusion
(DeTerra XML Storage Server)
Reducing Burden

One Time Entry
Researcher

Multi Use

Surveys

ReaD
(nationwide researcher database)

Grant-in-Aid
(“KAKENHI”)
application form

Performance Evaluation

Lower Cost
(about Researcher Directory)

- XML database
  - Need no reconstruction when items added
- Few screens

* Core system is provided with no charge for universities and research institutes
Actual Operation

• Repository
  – Promotion of depositing papers indexed in Web of Science
  – Metadata entry and copyright checking by library staff
  – Shift faculty bulletins to born-digital
• Researcher Directory
  – Update by each researcher in principle
  – Metadata entry by library staff (when depositing in repository)
  – Input of publications indexed in Web of Science

Sustainability

Support from Faculty
Financial Proof

Improve Visibility
Reduce Burden
Low Cost
Thank You