<table>
<thead>
<tr>
<th>Area 2: Research and development</th>
<th>FY2010 CSI-commissioned projects (for academic information) Area 2 &amp; Area 3 project list</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>project themes</td>
</tr>
<tr>
<td>Doctoral theses distribution support package development project</td>
<td>Univ. of Tokyo</td>
</tr>
<tr>
<td>Development of automatic document collection and registration workflow system</td>
<td>Kyushu Univ., Hitotsubashi Univ., Univ. of Tokushima, Kobe Univ.</td>
</tr>
<tr>
<td>Nationwide historic ruins repository project</td>
<td>Shimane Univ.</td>
</tr>
<tr>
<td>Permanent identifier verification experiment to introduce an identification function in the open access environment</td>
<td>Kanazawa Univ., Chiba Univ., Hokkaido Univ.</td>
</tr>
<tr>
<td>Standardization and upgrading of institutional repository output assessment</td>
<td>Chiba Univ., Toyko Univ., Univ. of Tokushima</td>
</tr>
<tr>
<td>Demonstration experiments of connecting electronic publishing and repositories in cloud computing environment</td>
<td>Nagoya Univ., Hitotsubashi Univ.</td>
</tr>
<tr>
<td>Establishment of mathematical portal</td>
<td>Hokkaido Univ.</td>
</tr>
<tr>
<td>Information sharing to vitalize institutional repository community</td>
<td>Hokkaido Univ., Kanazawa Univ., Osaka Univ., Hiroshima Univ., Doshisha Univ., Chiba Univ.</td>
</tr>
<tr>
<td>Copyright management project (SCPJ) Project 3</td>
<td>Univ. of Tokushima, Chiba Univ., Tokyo Institute of Technology, Kobe Univ.</td>
</tr>
<tr>
<td>Development of human resources who take charge of institutional repositories</td>
<td>Osaka Univ., Chiba Univ., Hiroshima Univ., Doshisha Univ., School of Medicine, Nara Univ.</td>
</tr>
<tr>
<td>Support for establishment of an institutional repository community in Kinki region</td>
<td>Osaka Univ., Nara Women’s Univ., Ryukoku Univ., Osaka City Univ., Kobe City Univ., Osaka City Univ.</td>
</tr>
<tr>
<td>Vitalization of institutional repository regional community (Shikoku)</td>
<td>Hiroshima Univ.</td>
</tr>
<tr>
<td>Area 3: Support for community activities</td>
<td></td>
</tr>
<tr>
<td>More than 1,000,000 More than 2nd in the world More than 180</td>
<td></td>
</tr>
</tbody>
</table>

IRPs open up a new horizon in scholarly communication

NII supports 24 institutions and 13 projects through its FY2010 CSI-commissioned projects (for academic information).

- There is an increasingly significant responsibility on the part of universities and other academic institutions to share the fruits of intellectual inquiry with the society at large.
- Institutional Repositories (IRs) play an important role in fulfilling the missions of these institutions with regard to education, research, and social contribution.
- Through cooperation and collaboration with academic institutions, the National Institute of Informatics (NII) is supporting the construction of IRs and liaison among them as part of its Next-Generation Academic Information Infrastructure project.
Supporting creation of and cooperation among academic IRs to further reinforce the ability of universities to disseminate the fruits of their research and educational activities.

More than 1,000,000

The number of content items registered with the Portal for Institutional Repositories in Japan.

Cross-searchable academic information of IRs
(Portal for Institutional Repositories in Japan)

Dissemination of academic information
from academic institutions

Users

NII

JAIIRO

Researchers

http://www.nii.ac.jp/irp/

Credit (Clifford A. Lynch, 2003)

A university-based institutional repository is a set of services that a university offers to its members of its community for the management and dissemination of digital materials created by the institution and its community members.

Three Support Programs of the NII IRP

1. Content Provision
   - Digitization of academic journal articles and provision of the digitized content
   - Implementation of the copyright policies of academic societies as they pertain to IRs
   - Support for dissemination of papers published in departmental journals and provision of their contents to IRs
   - Encouragement of an IR-friendly policy on the part of journals partnered to SPARC Japan

2. Systems Integration
   - Provision of the "Junit2" metadata format
   - Harvesting and collection of metadata from IRs using OAI-PMH
   - Development and provision of JAIIRO, a portal for Japan's IRs

3. Community-Building
   - CT conference, training courses for librarians, workshops, and symposiums

Benefits of IRs

For researchers
- Effective dissemination of research results, enhanced research impact, greater potential for citation

For universities
- Fulfillment of responsibility for public disclosure, enhancement of the university’s brand, strengthening of the university's voice internationally

For society
- Rectification of the information gap, visualization of communities, discovery of the seeds for industry-academic collaboration

For libraries
- Contribution to scholarly communication, enhancement of library services

IRP
NII Institutional Repositories Program

IRDB

Database of Scientifc Aid for Scientific Research

Provision of detailed information on each hand of statistical analysis of contents.

Provision of services and tools

Support for IRs

Production of academic information

Creation of IRs

Support for IRs

Provision of metadata

Universities

Researchers

NII Scholarly and Academic Information Navigator

Japan is 2nd in the world

The number of RIs in the world: More than 1,000

The number of organizations having an IR:

- Research institutes
- Others

Increased to over 180 in just five years.

*According to NII data (September 2019).

Organic IRs in RIs from CNII, one of Japan's largest databases of academic papers; the Database of Scientific Aid for Scientific Research and Database of Research Institutions.

A simple and convenient IRRI (IRRI) developed by NII (Information Retrieval Infrastructure) also developed by NII.

WEKO

A simple and convenient IRRI (IRRI) developed by NII (Information Retrieval Infrastructure) also developed by NII.

* SPARC Japan: An NII program promoting greater dissemination of Japanese research results overseas by supporting and enhancing the distribution of publications by Japanese academic societies in the form of digital content.

** Junit2: A metadata format developed by NII corresponding to the International standard metadata set "Dublin Core". It has become the de facto standard for RIIs in Japan.

*** OAI-PMH: An international standard protocol for the metadata harvesting of metadata from RIIs (data providers) by search engines (data harvesters).