

### NII supports 31 institutions and 12 projects through its FY2011 CSI-commissioned projects (for academic information).

Area 1: Content creation for IRs: 31 partners / Area 2: Research and development: 8 projects / Area 3: Support for community activities: 4 projects

PHASE 1 2005: 19 partners

2006: 57 partners, 22 projects 2007: 70 partners, 14 projects

2008: 68 partners, 21 projects 2009: 74 partners, 21 projects

PHASE 3 2010: 24 partners, 13 projects

2011: 31 partners, 12 projects

CSI: Cyber Science Infrastructure http://csi.nii.ac.jp/en/

#### FY2011 CSI-commissioned projects (for academic information) Area 2 & Area 3 project list

project themes	projects	Lead institution	Participating institution	Contributing institution
Area 2: Research and development	Establishment of mathematical portal	Hokkaido Univ.		
	Development of automatic document collection and registration workflow system	Chiba Univ.		Tohoku Univ. Univ. of Tsukuba
	Doctoral theses distribution support package development project	Univ. of Tokyo		
	Permanent identifier verification experiment to introduce an identification function in the open access environment	Kanazawa Univ.		Chiba Univ. Hokkaido Univ.
	Demonstration experiments of connecting electronic publishing and repositories in cloud computing environment	Nagoya Univ.		Hitotsubashi Univ.
	Nationwide historic ruins repository project	Shimane Univ.		Tohoku Univ. Yamagata Univ. Univ. of Tsukuba Shinshu Univ. Toyama Umiv. Shiga Univ. Osaka Univ. Osaka Univ. Kobe Univ. Tottori Univ. Okayama Univ. Hiroshima Univ. Yamaguchi univ. Kagawa Univ. Tokushima Univ. Ehime Univ. Kochi Univ. Kyushu Univ. Miyazaki Univ.
	Development of automatic document collection and registration workflow system	Kyushu Univ.		Hitotsubashi Univ. Univ. of Tsukuba Mie Univ.
	Development of new XooNlps / Development and dissemination of Library module	Keio Univ.		Beppu Univ. Nara Univ. Kinki Univ. Kumamoto Gakuen Univ.
Area 3: Support for community activities	Information sharing to vitalize institutional repository community	Hokkaido Univ.	Kanazawa Univ.	Otaru Univ. of Commerce Chiba Univ. Osaka Univ. Hiroshima Univ.
	Development of human resources who take charge of institutional repositories	Hiroshima Univ.	Osaka Univ. Chiba Univ.	
	Copyright management project (SCPJ Project 3) regarding the open access and self archiving	Univ. of Tsukuba		Chiba Univ. Tokyo Institute of Technology. Kobe Univ.
	Support for establishment of an institutional repository community in Kinki region	Osaka Univ.		Nara Women's Univ. Kobe City Univ. of Foreign Studies Ryukoku Univ. Osaka City Univ.



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# **NII Institutional Repositories Program**

- 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 construction of IRs and liaison among them as part of its Next-Generation Academic Information Infrastructure project.

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

# More than 1,200,000

The number of organizations having an IR in Japan:

# **Lnd** in the world

The number of organizations having an IR in Japan:

Increased to over 220 in seven years



# 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

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

Definition (Clifford A. Lynch, 2003)

A university-based institutional repository is a set of services that a university offers to the 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

# **Content Provision**

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

# Systems Integration

- Provision of the "junii2\*\*" metadata format
- Harvesting and collection of metadata from IRs using **ΩΔΙ-ΡΜΗ\*\*\***
- Development and provision of JAIRO, a portal for Japan's IRs

# Community-Building

 CSI conference, training courses for librarians, workshops, and symposiums

## \* SPARC Japan:

An NII program promoting greater dissemination of Japanese research results overseas by supporting and enhancing the distribution of publications by

#### \*\* junii2:

corresponding to the international standard metadata set "Dublin Core" It has become the de facto standard for IRs in Japan

#### \*\*\* OAI-PMH:

An international standard protocol for the automated harvesting of metadata from IRs (data providers) by search engines

### Users

the Portal for Institutional Repositories in Japan: More than

The number of content items registered with

Others: Books, Technical reports, Research reports Preprints, Presentation materials, General articles,

The number of IRs in the world: More than 2,100

Learning materials, Data/ database, Software, etc.

\*According to NII data (March 2012).

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The number of organizations having an IR

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\*Include IRs on a trial basis \*According to NII data (March 2012)

lapan is

in the world

Increased to over

in seven years.

(Portal for Institutional Repositories in Japan)

Dissemination of academic information

**Dissemination of information** from academic institutions

Collaboration

**Provision of metadata** 

A Univ.

B Univ. C Univ.

Theses and Departmental Journal articles dissertations Conference papers Books Technical reports Research reports

Researchers

# **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 brand, strengthening of the university's voice internationally

Rectification of the information gap, vitalization of communities, discovery of the seeds for industry-academic collaboration

#### (For libraries)

Contribution to scholarly communication, enhancement of library services

**Cross-searchable academic information of IRs** 

NII Scholarly and Academ nformation Navigator

KAK411

Database of Grants-in-Aid

for Scientific Research

**R**Resolver

Researcher

Name Resolver

of individual researchers

Organic links to IRs from CiNii, one of

apan's largest databases of academic apers; the Database of Grants-in-Aid

for Scientific Research: and databases

capability of cross-searching

Japanese IRs (journal articles, theses and dissertations, departmental research bulletins, research reports,

Provision of detailed information

on each IR and of statistical analysis

IRDB



RDBコンテンツ分を

JAIRO Cloud provides a shared system to academic institution The system is implemented based on WEKO, a repository software

**Provision of services and tools** 

NII Institutional Repositories Program

Support for IRs

Production of academic information

**Cooperation** 

Creation of IRs