NII supports 68 universities and 21 projects through its FY2008 CSI-commissioned projects (for academic information).

- Two objectives: Nationwide development of IRs / Development of cutting-edge technologies
- Two project areas: Area 1: Further expanding IRs and creating content: 68 partners
  Area 2: Building new services through collaboration among IRs: 21 projects

PHASE 1 FY2005 -2007
- 2005: 19 partners
- 2006: 57 partners, 22 projects
- 2007: 70 partners, 14 projects

PHASE 2 FY2008 -2009
Further nationwide expansion/ Focus on sustainability Selection of priority content types suitable for dissemination through IRs

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

FY2008 CSI-commissioned projects (for academic information) Area 2 project list

Project themes	Projects	Lead institution	Participating institution	Contributing institution	
Development of technology to reinforce dissemination of information	Developing an Electronic Publishing System based on the platform of Institutional Repositories	Nagoya Univ.		Kyushu Univ.	
	Development of a Journal Editing and Publishing System(ePubs)	Waseda Univ.		Kyoto Univ. Hiroshima Univ.	Nagasaki Univ. Saga Univ.
	Access path to Institutional Resources(AIRway)	Hokkaido Univ.	Kyushu Univ.	Univ. of Tsukuba Chiba Univ. Nagoya Univ.	Kanazawa Univ. Kyoto Univ. Osaka Univ.
	Developing Intersystem Tools for Institutional Repositories	Nagoya Univ.		Gifu Univ.	
	Initiative for XooNIps-based new repository system	Keio Univ.	Beppu Univ.	Kinki Univ.	Sapporo Medical Univ.
	MaIdentity Program	Kanazawa Univ.		Waseda Univ. Kyushu Univ. Shinshu Univ. Chiba Univ. Nagasaki Univ.	Obihiro Univ. of Agriculture and Veterinary Medicine Shizuoka Univ. Hokkaido Univ. Osaka Univ.
	Structuralization of Tsukuba Science Repository (TSR) for value improvement	Univ. of Tsukuba		Tsukuba Univ. of Technology	
Collaboration among IRs	The development of an open access and bi-directional repository for medical science	Sapporo Medical Univ.			
	Repository of Archaeological Reports	Shimane Univ.	Tottori Univ. Okayama Univ. Hiroshima Univ. Yamaguchi Univ.		
	Shared Repositories Project (ShaRe)	Hiroshima Univ.	Okayama Univ.	Hiroshima Institute of Technology Yamagata Univ. Saitama Univ. Nagasaki International Univ.	Hokkaido Univ. Chiba Univ. Kanazawa Univ. Osaka Univ.
	Development of Education Subject Repository	Tokyo Gakugei Univ.			
Research on ensuring the sustainability of IRs and enhancement of their value	Digital Repository Federation(DRF)	Hokkaido Univ.	Chiba Univ. Kanazawa Univ. Osaka Univ.	Otaru Univ. of Commerce Univ. of Tsukuba	Waseda Univ. Hiroshima Univ.
	Framework for sustainable upgrading of repositories by way of creation of a user community	Chiba Univ.	Osaka Univ. Hiroshima Univ. Shimane Univ.	Kagawa Univ.	
	Copyright policy management on open access and self-archiving (SCPJ project 2)	Univ. of Tsukuba		Hokkaido Univ. Chiba Univ. Tokyo Institute of Technology	Kanazawa Univ. Osaka Univ. Kobe Univ.
	Human Resource Development for Sustainable Institutional Repositories	Kyushu Univ.		Saga Univ. Nagasaki Univ. Kumamoto Univ.	Univ. of Miyazaki Beppu Univ.
	Standardization of usage statistics for IR evaluation	Chiba Univ.		Tohoku Univ. Kanazawa Univ.	Hokkaido Univ. Osaka Univ.
	Research Visibility Analysis System Project	Shinshu Univ.		Saitama Univ.	Keio Univ.
	IRcuresILL	Otaru Univ. of Commerce		Hokkaido Univ. Chiba Univ.	Kanazawa Univ. Osaka Univ.
	Input/Output Activation for Research Communities to be Involved with Institutional Repositories	Kyushu Univ.	Saga Univ.	Chiba Univ.	
	Zoological Science meets Institutional Repositories	Hokkaido Univ.	Kyoto Univ.	Chiba Univ. Kanazawa Univ.	Osaka Univ.
Surveys and research concerning the possibility of collaboration between e-Science projects and IRs	In vivo experiment of data curation for repository-based e-Science	Chiba Univ.		Kanazawa Univ. Kyushu Univ.	Hokkaido Univ. Osaka Univ.

Contact information: Library Liaison Team, Scholarly and Academic Information Division
Cyber Science Infrastructure Development Department
National Institute of Informatics
MAIL ▶ ir@nii.ac.jp   URL ▶ http://www.nii.ac.jp/irp/en/

NII 大学共同利用機関法人 情報・システム研究機構 国立情報学研究所 National Institute of Informatics

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IRs open up a new horizon in scholarly communication

IRP
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
540,000
(October 2008)

The number of IRs in Japan:

4th in the world
(October 2008)

The number of IRs in Japan:

Increased to over
80 in just three years
(October 2008)

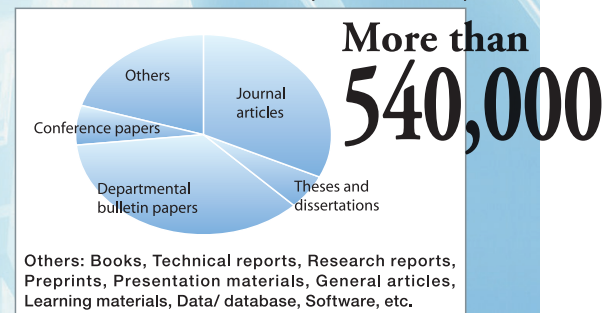NII 大学共同利用機関法人 情報・システム研究機構 国立情報学研究所 National Institute of Informatics

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

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.

The value of Institutional Repositories (IRs) is steadily increasing, due to their importance as mechanisms for the collection, organization, preservation, and dissemination of the academic information that represents the fruits of the research and educational programs of the universities.
NII provides added-value services supporting the creation of IRs in Japan as a new model of centers for the dissemination of information.
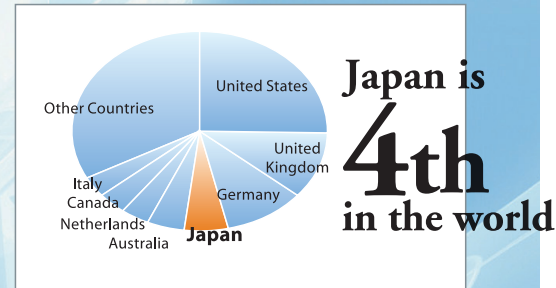(Note: The term "universities" as used here includes research organizations and other institutions of higher education.)

The number of content items registered with the Portal for Institutional Repositories in Japan:
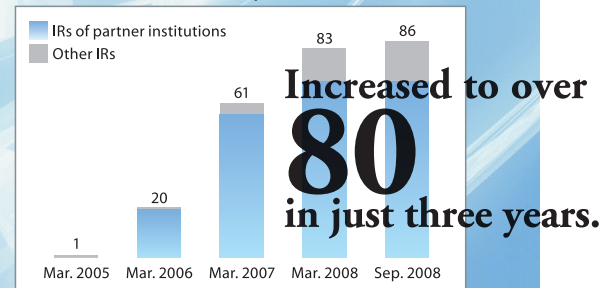
Others
Journal articles
Conference papers
Departmental bulletin papers
Theses and dissertations

More than
540,000

Others: Books, Technical reports, Research reports, Preprints, Presentation materials, General articles, Learning materials, Data/ database, Software, etc.

*According to NII data (October 2008).

The number of IRs in the world: More than 1,250

Other Countries
United States
United Kingdom
Italy
Canada
Netherlands
Australia
Germany
Japan

Japan is
4th
in the world

*According to OpenDOAR data (1 October 2008).
http://www.opendoar.org/

The number of IRs in Japan:

IRs of partner institutions
Other IRs

Mar. 2005	Mar. 2006	Mar. 2007	Mar. 2008	Sep. 2008
1	20	61	83	86

Increased to over
80
in just three years.

*Include IRs on a trial basis.
*According to NII data (October 2008).

IRP
NII Institutional Repositories Program

Users

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

Dissemination of academic information

Dissemination of information from academic institutions

Collaboration

Provision of metadata

Universities

NII

CiNii
NII 論文情報ナビゲータ
NII Scholarly and Academic Information Navigator

KAKEN
Database of Grants-in-Aid for Scientific Research (Beta)

研究者リゾルバー
Researcher Name Resolver

Organic links to IRs from CiNii, one of Japan's largest databases of academic papers; the Database of Grants-in-Aid for Scientific Research; and databases of individual researchers.

JAIRO

JAIRO (test version) is a service providing the capability of cross-searching academic information stored in Japanese IRs (journal articles, theses and dissertations, departmental research bulletins, research reports, etc.).

IRDB
NII Institutional Repositories DataBase Contents Analysis

Provision of detailed information on each IR and of statistical analysis of its contents.

WEKO

A simple and convenient IR creation module developed by NII. Operates on the NetCommons (a next-generation data-sharing infrastructure also developed by NII).

A Univ. IR	B Univ. IR	C Univ. IR

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

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

(For society)
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

Cooperation

Provision of services and tools

Support for IRs

Production of academic information

Creation of IRs

Three Support Programs of the NII IRP

1 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*

2 Systems Integration
- Provision of the "junii2**" metadata format
- Harvesting and collection of metadata from IRs using OAI-PMH***
- Development and provision of JAIRO, a portal for Japan's IRs

3 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 Japanese academic societies in the form of electronic journals.

** **junii2**:
A metadata format developed by NII 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 (service providers).