

Berlin8

Parallel Sessions 3: Institutional Open Access Repositories

Collaboration between Universities and NII on Institutional Repositories

25 October 2010

Jun Adachi

Director and Professor,
National Institute of Informatics (NII), Japan

<http://www.nii.ac.jp/en/>

outline

- ❑ Current landscape of institutional repositories in Japan
- ❑ NII's support for the promotion of repository
- ❑ IR-support services by NII
- ❑ Towards institutionalization of Open Access in Japan

Current landscape of institutional repositories in Japan

Japanese university libraries Now

- Against the rise of E-journal price:
 - Establishment of the nation-wide, comprehensive library consortium (JANUL+PULC) in October 2010
 - This consortium is empowered to the negotiation
- The “Safety Net” for sustainable information acquisition
 - To encourage repository installation
 - To strengthen the archive
 - Advocacy to researchers and faculty
 -
- Institutionalization of Open Access mandates

Two roles of repository in Japan

□ Self-archiving for the promotion of open access

Contribution to research community

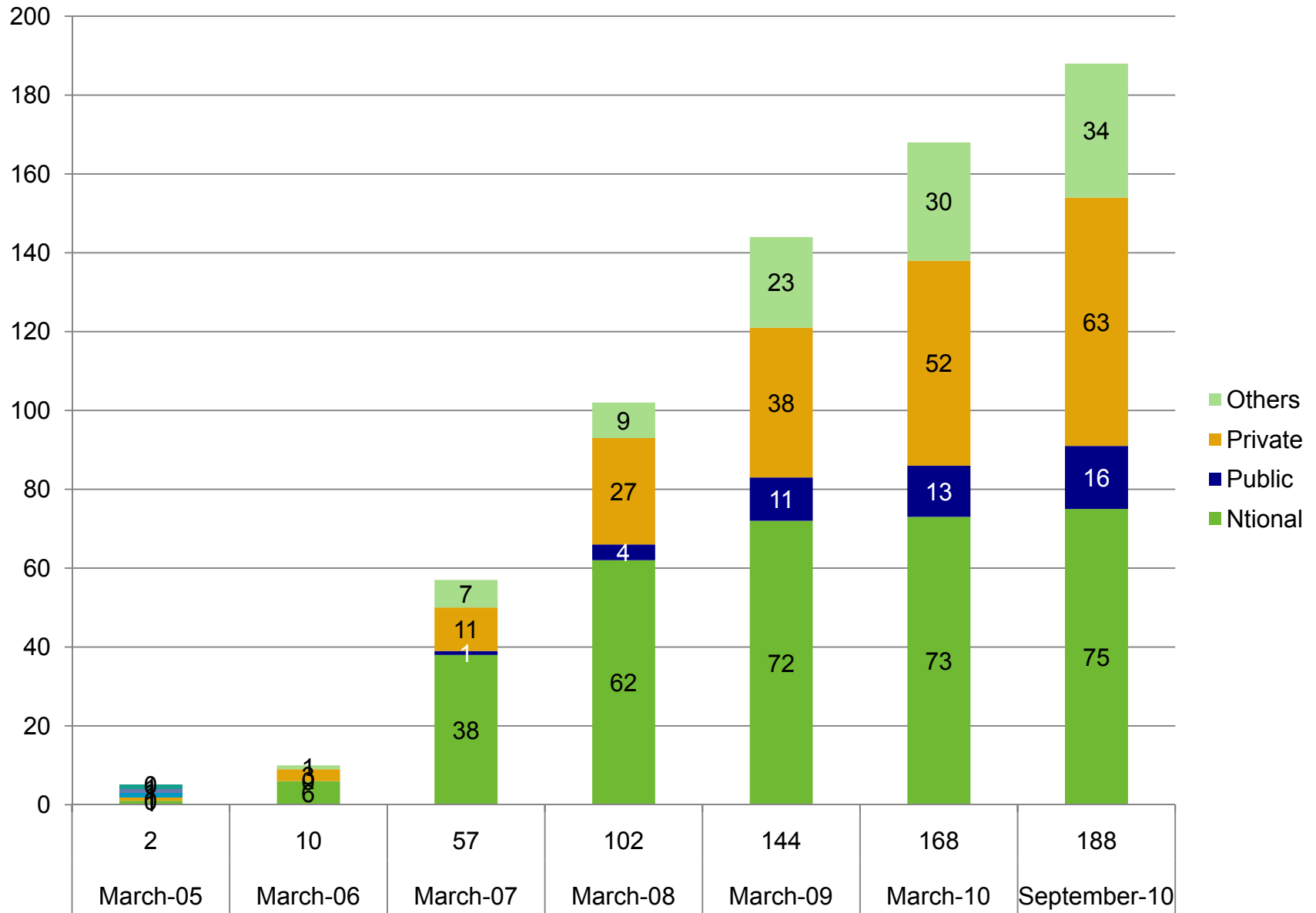
- To self-archive articles in E-journal
- Japan should contribute about 6-10% according to the share in total publications worldwide

□ Dissemination of university outcome

Accountability to the society and the public

- dissertations
- university bulletins
- Databases and digital contents related to research

Expansion of IRs (1)



Expansion of IRs (2)

■ Breakdown by kinds of universities and colleges (Sep. 2010)

	IRs	Number of universities and colleges	Percentage
	(A)	(B)	(A/B)
National	*75	86	87%
Public	**16	95	17%
Private	***63	597	11%
Subtotal	154	778	20%
Others	****34	-	-
Total	188	-	-

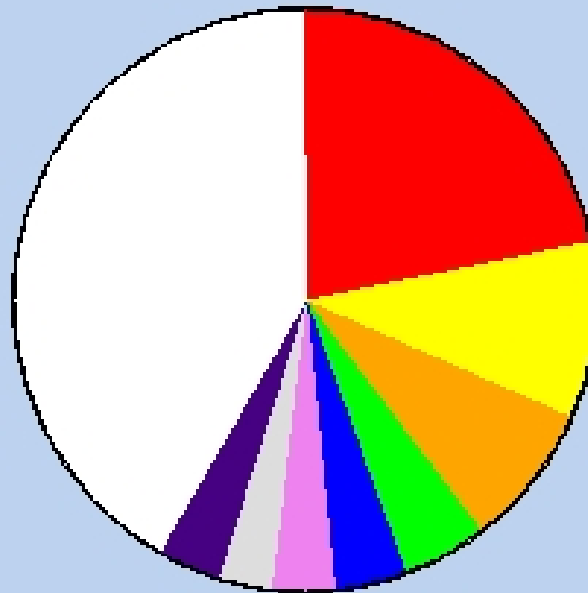
- Regionally shared repository is very effective for middle and small institutions which have difficulties in establishing their own repository.
 - * include 2 shared repositories
 - ** include 8 shared repositories
 - *** include 31 shared repositories
 - **** include 25 shared repositories
- NII funds the "Shared Repository project (ShaRe)".
 - Leading Institution: Hiroshima University
<http://www.lib.hiroshima-u.ac.jp/share/share.html>

Expansion of IRs (3)

- World total: 1737
 - Japan is the fourth with 83

Currently Japan is the 2nd with 188

Proportion of Repositories by Country
Worldwide



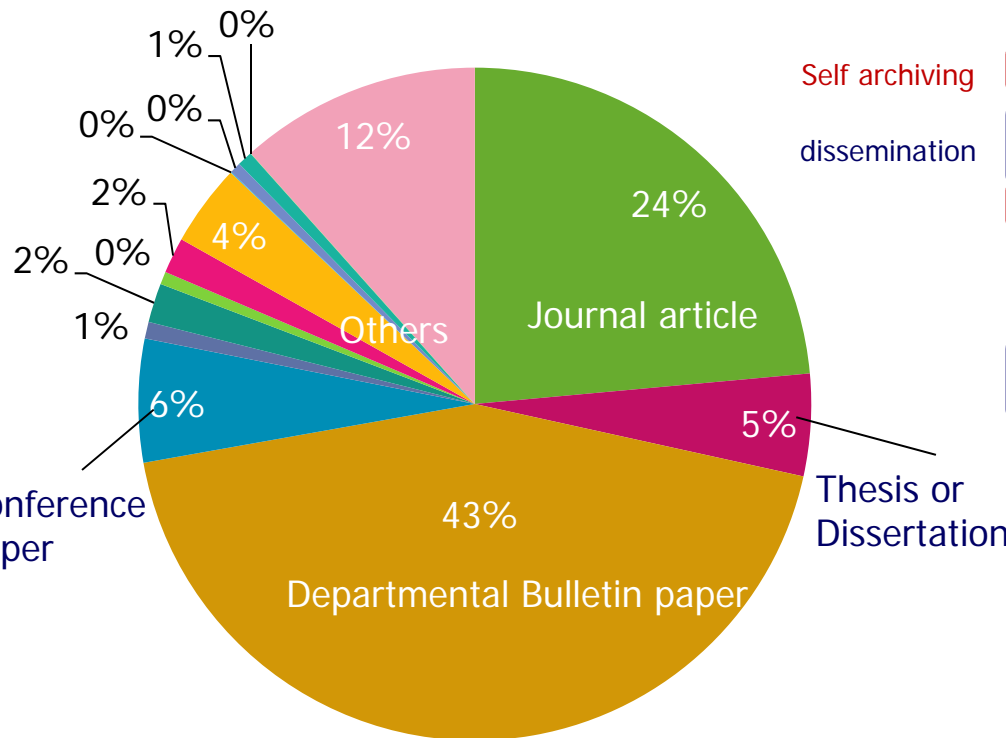
United States	(373 = 21%)
United Kingdom	(178 = 10%)
Germany	(141 = 8%)
Japan	(83 = 5%)
Spain	(66 = 4%)
Australia	(63 = 4%)
Italy	(56 = 3%)
France	(55 = 3%)
[85 Others	(722 = 42%)]

OpenDOAR 01-Oct-2010

Total = 1737 repositories

Open DOAR: Directory of Open Access Repositories
<http://www.opendoar.org/> (2010/10/01)

Increase of materials deposited



content types	Number of records	Ratio of full text
Journal Article	238,638	46.9%
Thesis or Dissertation	49,011	54.2%
Departmental Bulletin Paper	437,155	88.2%
Conference Paper	58,529	18.5%
Presentation	8,571	30.8%
Book	18,426	46.7%
Technical Report	5,995	85.3%
Research Paper	16,784	86.9%
Article	39,057	82.4%
Preprint	333	90.4%
Learning Material	5,153	35.6%
Data or Dataset	13,586	99.0%
Software	8	25.0%
Others	119,065	92.5%
SUM	1,010,311	71.6%

Based on NII Institutional Repositories Database Contents Analysis

(2010/09/30 Number of Organizations 161, Number of records: 1,010,311)

http://irdb.nii.ac.jp/analysis/index_e.php

NII's support for the
promotion of repository

Roles of NII in repository promotion

- To conduct projects that are difficult for an individual institution or a group of institutions
 - Responsibility as an inter-university institute
 - Funding
 - ◆ For start-up
 - ◆ Research and development
 - ◆ Support for IR community activities
 - Adding values over the content of repositories
 - ◆ Portal services of repositories
 - ◆ Statistics and evaluation
 - ◆ Support tools
 - Liaison with the government and national policy-makers

NII-funded Programs

□ NII-IRP (Institutional Repositories Program)

<http://www.nii.ac.jp/irp/en/>



■ 1st period: FY2005-2007

■ 2nd period: FY2008-2009

■ 3rd period: FY2010-2012

– Three categories of funding

- Area 1: Content creation for new IRs (24 institutions)
- Area 2: Research and development (8 projects)
 - ✓ Pilot studies to accelerate the deposit of content (e.g. Theses and Dissertations, Government-funded research publications)
 - ✓ Development of new value-added services, etc.
- Area 3: Support for community activities (on next slide)

Current projects

□ NII-IRP (Institutional Repositories Program) 3rd period (FY2010-2012)

- Area 3: Support for community activities (5 projects)
 - ✓ DRF; Community of repository managers (include international collaboration; participation in COAR)
 - ✓ SCPJ; Development of the OA policy of academic societies in Japan (include collaboration with SPARC Japan)
 - ✓ ShaRe; Promote the shared repository, etc.
- Development of NII's system infrastructure
 - Provide affordable system resources by provisioning cloud computing facilities such as an ASP (Application service provider) services.

Area 2: Research and development

	Project profile	Univ.
A-1	Dissertation database support package development	Univ. of Tokyo
A-3	Development of automatic document collection and registration workflow system	Kyushu Univ. (Hitotsubashi Univ.)
B-1	Development of new XooNlps / Development and dissemination of Library module	Keio Univ.
B-3	Nationwide historic ruins excavation report repository project	Shimane Univ.
B-4	Permanent identifier verification experiment to introduce an identification function in the open access environment	Kanazawa Univ.
B-5	Standardization and upgrading of institutional repository statistics and assessment tools	Chiba Univ.
B-6	Demonstrative experiment of connecting electronic publishing and repositories in cloud computing environment	Nagoya Univ.
B-8	Development of DML (Digital Mathematical Library)	Hokkaido Univ.

Area 3: Support for community activities

	Project profile	Univ.
1	Support for institutional repository community activities (DRF)	Hokkaido Univ. (Kanazawa Univ.) (Osaka Univ.)
2	Copyright policy database project (SCPJ) to boost open access and self archiving	Univ. of Tsukuba
3	Development of human resources for institutional repositories	Osaka Univ. (Chiba Univ.)
4	Support for development of an institutional repository community in Kinki region	Osaka Univ. (Nara Women's Univ.)
5	Fostering regional communities for institutional repository (ShaRe2)	Hiroshima Univ.

More on SCPJ project (1)

■ Outline

- Investigate Japanese scholarly societies' open access policies and publicize this information through SCPJ (Societies Copyright Policies in Japan) database.
- <http://scpj.tulips.tsukuba.ac.jp/>

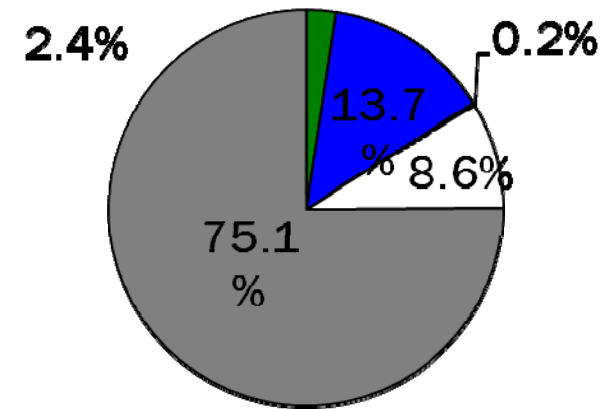
■ Two Features of SCPJ database

- The only database that covers OA policies of almost all Japanese academic societies (about 1,800)
- No policy is a policy: to regard responses of “under consideration” or “No response” as one of the policies

More on SCPJ project (2)

■ Color coding of OA policy in SCPJ database

Color	OA policy	Num
Green	Author can archive both Pre-prints & Post-prints	44
Blue	Author can archive only Post-prints	252
Yellow	Author can archive only Pre-prints	4
White	Author can not archive	157
Gray	Under consideration	1,379



■ Two updates in 2010

- The **OA policy** will be displayed not only by academic societies but also **by journals**
- Repository staff who got approval from the academic societies will be able to **update the policy information**

ポリシーの検索結果

学協会詳細情報: 社団法人日本図書館協会

名称	社団法人日本図書館協会
ポリシー	■ Green (査読前・査読後どちらでも認める)
出版社版の利用	出版社版を利用可能です
公開場所	著作者個人のWebサイト 機関リポジトリ 研究資金助成機関のWebサイト 非営利電子論文アーカイブ
公開条件	出典表示を行うこと 猶予期間を遵守すること(1ヶ月) 事前に照会を行うこと
備考	事前照会は文書またはメールにより、事務局まで
データ確認日	2010/03/12
WebサイトURL	http://www.jla.or.jp/

● この学協会が発行する雑誌

雑誌名	ISSN	ポリシー
■ 図書館雑誌		Green

SCPJプロジェクトとは

SCPJプロジェクトとは「オープンアクセスとセルフ・アーカイビングに関する著作権マネジメント・プロジェクト」の通称で、**国立情報学研究所平成22～24年度CSI委託事業(領域3)**により実施しています。

学協会著作権ポリシー一覧

■ Green

査読前・査読後のどちらでもよい

■ Blue

査読後の論文のみ認める

■ Yellow

査読前の論文のみ認める

□ White

リポジトリへの保存を認めていない

■ Gray

検討中・非公開・無回答・その他

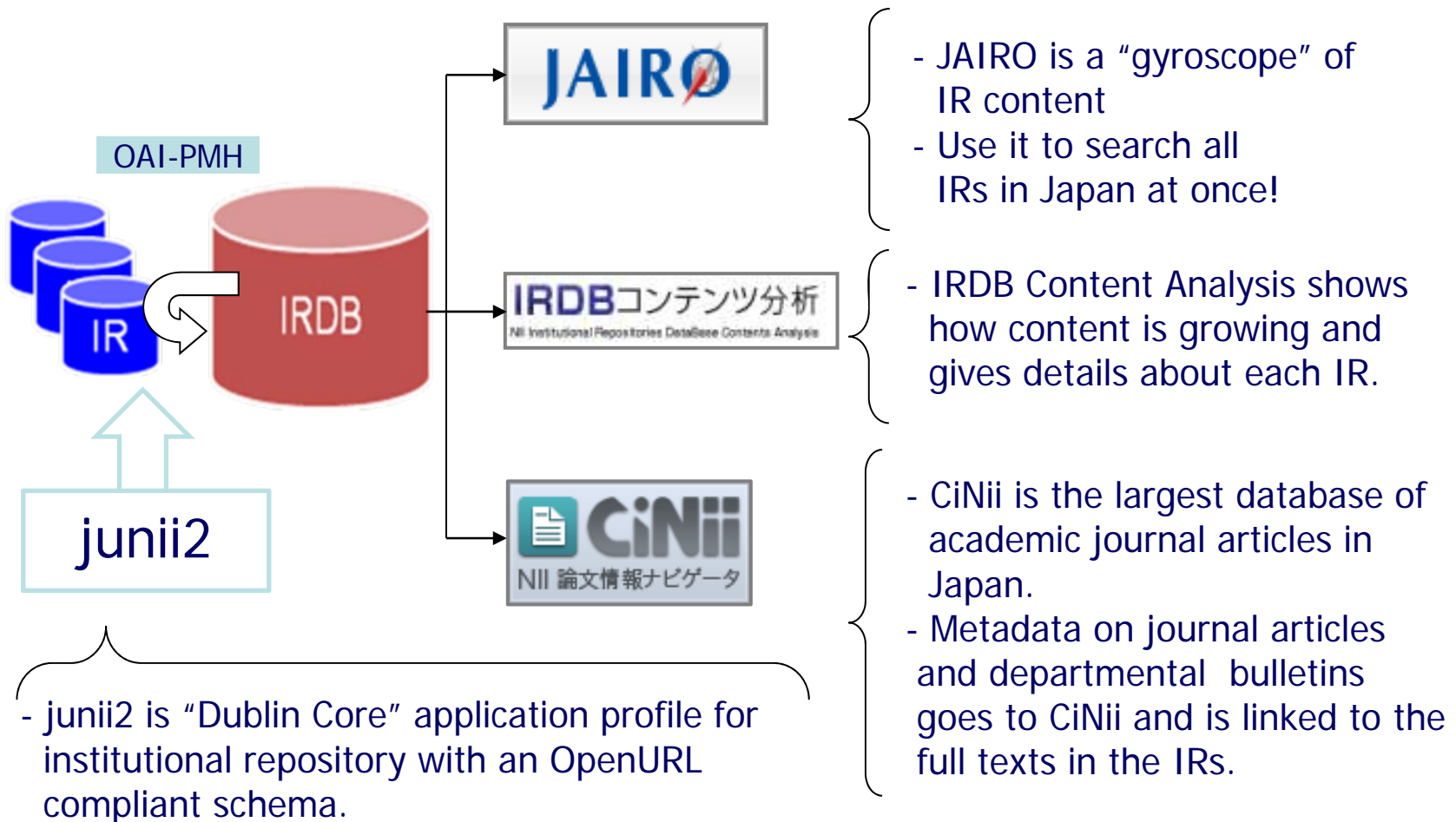
ポリシー別統計

登録学協会数 2,164件
(うちGreen81件、Blue449件)

IR-support services by NII

Portal services of Japanese IRs (1)

□ NII harvests almost all Japanese IRs



-It has been adopted by almost all IRs in Japan.

http://www.nii.ac.jp/irp/en/archive/pdf/junii2_en_20090213.pdf

Portal services of Japanese IRs (2)

□ JAIRO : Japanese Institutional Repositories One

JAIRO
Japanese Institutional Repositories Online

2010/07/19 Number of Organizations : 155, Number of records: 963,593

News

- You can search Institutional Repositories in Japan. → [more](#)
- JAIRO is now able to be searched from PORTA. (2009/08/12)
- NII launched JAIRO. (2009/04/01)

[Simple Search](#) | [Advanced Search](#)

Search

Results per page: 10 | Sort by: Year (Descending) | ☒ All ☐ Include

Full-text

Content types ☒ Check ALL ☐ Check Clear

<input checked="" type="checkbox"/> Journal Article (225,808)	<input checked="" type="checkbox"/> Thesis or Dissertation (46,664)
<input checked="" type="checkbox"/> Departmental Bulletin Paper (419,070)	<input checked="" type="checkbox"/> Conference Paper (56,355)
<input checked="" type="checkbox"/> Presentation (8,413)	<input checked="" type="checkbox"/> Book (18,034)
<input checked="" type="checkbox"/> Technical Report (5,839)	<input checked="" type="checkbox"/> Research Paper (16,481)
<input checked="" type="checkbox"/> Article (37,390)	<input checked="" type="checkbox"/> Preprint (327)
<input checked="" type="checkbox"/> Learning Material (5,145)	<input checked="" type="checkbox"/> Data or Dataset (11,261)
<input checked="" type="checkbox"/> Software (8)	<input checked="" type="checkbox"/> Others (112,798)

Organizations [+ Display](#)

Click on "Organizations" to display or hide the list of organizations.

About contents of JAIRO

• NII Institutional Repository Program

• Current IRs in Japan

Contents used well

[Homma, Tetsushi](#)
[A Generalized User-Revenue Model of Financial Firms under Dynamic Uncertainty: Equity Capital, Risk Adjustment, and the Conjectural User-Revenue Model](#)
Working Paper, Faculty of Economics University of Toyama, (229), 2009-06-05

Narrow
search by
content
type

Narrow search
by
organization

To get
the detail of
each IR

Portal services of Japanese IRs (3)

IRDB Content Analysis System

IRDBコンテンツ分析

NII Institutional Repositories DataBase Contents Analysis

[About Us](#) [Help](#) [News](#)
[Contact Us](#) [Japanese](#)


Search by "Organization name" etc. :

[HOME](#) [BROWSE](#)

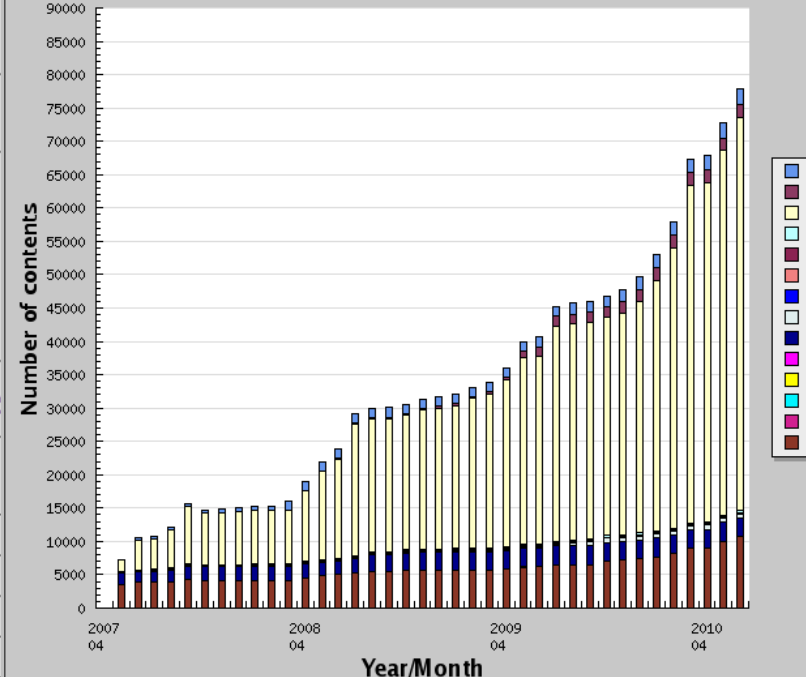
We are providing statistics of Japanese Institutional Repositories DataBase.

[more](#)

[2010/02/28 Number of Organizations 145, Number of records ALL: 823,655, Full text 588,150]

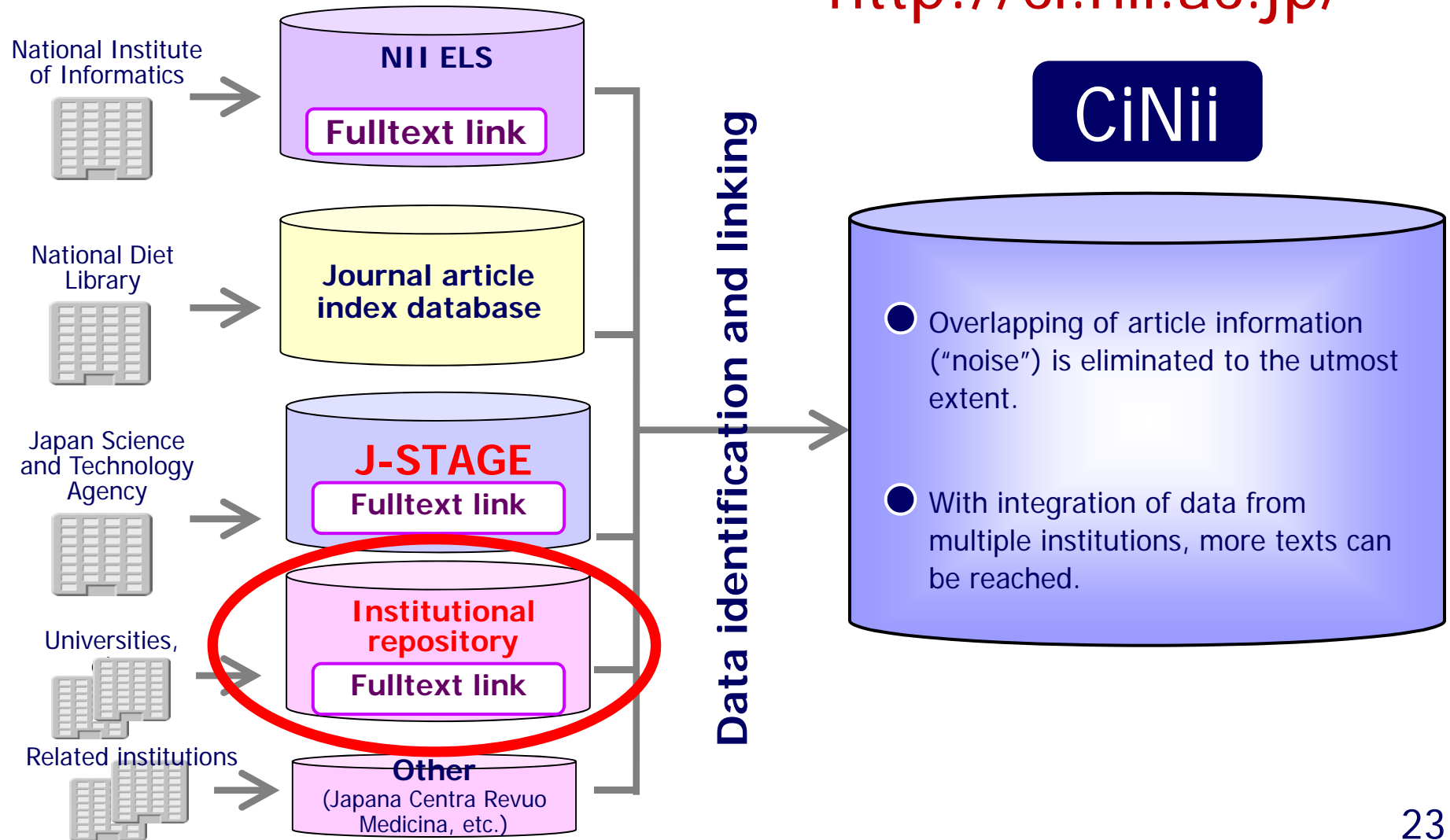
Organization Code	14301
Organization name	Kyoto University
Repository 1	
Institutional repository name	Kyoto University Research Information Repository
Institutional repository Top Page	No Image
URL of Institutional repository	http://repository.kulib.kyoto-u.ac.jp/
Institutional repository Logo	
Software	DSpace
Trial release date	2006/06/07
Release date	2006/10/02
Comment	This IR cooperates with

Kyoto University Research Information Repository(Kyoto University) Content growth (Full text)



Metadata Integration of Bibliographic Databases

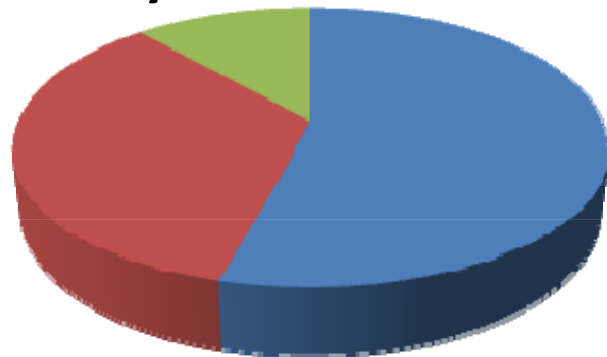
<http://ci.nii.ac.jp/>



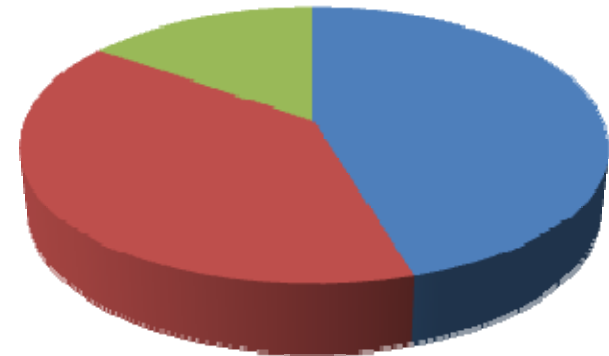
Open access to more than half of all full-text articles

About 90% of full-text articles in CiNii are available freely accessed based on institutional fixed-price contracts.

by Academic Societies



by titles



■ FREE
■ Site License
■ Per view charging

	Conference proceedings	Journal titles	Articles
Completely free	178	462	1,680,000 (62%)
Site License	113	401	771,000 (26%)
Per-view charging	38	156	339,000 (12%)

Mashups of Services

■ Linkage from CiNii metadata to fulltext in IR

CiNii (情報・システム研究機構)

検索画面へ 雑誌名・出版社一覧から探す ヘルプ Eng

HOME > 論文詳細情報

Permalink | English

収録誌

大学図書館研究
Journal of college and university libraries

Vol.70(2004-0300) pp. 1-8
大学図書館研究編集委員会 ISSN0386050

本文を読む・探す

Link to the IR

国立大学図書館の課題と解決の試み

有川 節夫

抄録：国立大学は自らの改革や大学院重点化に加えて競争原理の導入や統合再編そして法人化と、大きな変革の真只中にある。国立大学の図書館は、大学における教育研究の基盤をなす必須の組織として法的に高い地位を保障されてきたが、法人化に伴いその法的根拠のひとつを失い、自らの存立の基盤を再構築する必要も生じている。本稿では、こうした法人化に伴う課題だけでなく、それ以前の段階で大学図書館が抱えている一般的な課題とその解決法、新しい大学図書館像等について考察し、この約6年間に互に九州大学附属図書館における様々な活動を紹介することによって、ひとつの大学図書館像を示し、諸課題への具体的な解決法を例示したい。

キーワード：図書館改革, 電子図書館機能, 週及入力, 学習図書館機能, 研究図書館機能, 研究開発機能, 将来計画, 財政基盤, 電子ジャーナル, サブジェクトライブラリアン, 九州大学附属図書館

QIR 九州大学学術情報リポジトリ
Kyushu University Institutional Repository

リポジトリ検索 検索

詳細検索

ホーム

ブラウズ

コミュニティ
ファンクション
ツール

登録ユーザ用
メニュー:

マイリポジトリ
(検索はこちら)

新着情報サービス

ユーザ情報編集

ヘルプ

DSpaceについて

Kyushu University Institutional Repository (QIR) >
附属図書館 = Library >
附属図書館 = Library >

このアイテムのアクセス数: 476件 (2009-3-24 0:00集計)

このアイテムへのリンクには次のURLをご利用ください: <http://hdl.handle.net/2324/2923>

このアイテムのファイル:

ファイル	記述	サイズ	フォーマット
toshokan_kenkyu_70.pdf		9195Kb	Adobe PDF

見る/開く

タイトル: 国立大学図書館の課題と解決の試み

タイトル(別表記): Challenges Facing Japanese National Universities and Potential Solutions

著者: 有川, 節夫

著者名(別表記): Arikawa, Setsuo

著者情報: 九州大学副学長, 附属図書館長, 大
Vice-President, Library Director, P
and Electrical Engineering

出版年: 2004-03-00

刊行元: 学術文献普及会

掲載情報: 大学図書館研究 || 70 || p1-8 / Journal of college and university libraries

言語: jpn / jpn

資料種別: 学術雑誌論文

Link to the fulltext

置の根拠をなす
学に附属図書館
れによって「附
立大学における
果敢されてきた
うな法的位置づ
いかにしてこれ
を現実的に維持
教育・研究の中
させていけばい

(g) 使命の遂行と機能の発揮に必要な十分な職
員を適切に配置すること。(h) 図書館に課せられた
高度の専門的業務を処理するためには、特に専門職員
を配置することが必要である。専門職員には原則とし
て大学院において図書館・情報学等を専攻した者を充
てなければならない。(i) 研修・再教育の機会と資
格・能力・経験等にふさわしい処遇を与えること。

この「大学図書館基準」は、昭和27年に制定され、
昭和57年に改定されている。昭和27年のものは「最
低基準」を定めたもので、昭和57年のものには「向
上基準」、すなわち、目標が提示されている。それか
ら既に20年以上が経過しているわけであるが、そこ
に示された基準・要請を十分に満たしている国立大学
図書館はあるのだろうか。

また、大学図書館には、情報化社会・ネットワーク
社会に対応した新しい図書館機能の構築が強く求めら
れている。情報化社会・ネットワーク社会は、これまで
図書館が果たしてきた紙媒体の図書館資料の収集・
組織・管理・提供という機能に加えて、学術情報の創
造・発信とその世界規模での共有という新たな機能を
可能にしている。こうした新しい機能の実現を推進す
るため、平成8年には学術審議会から「大学図書館に
おける電子図書館機能の充実・強化について」という
建議が出され、京都大学を始めとするいくつかの大

Towards Institutionalization of Open Access in Japan

What has happened in Japan

- ❑ Discussions on the mandate for self-archiving the articles produced by publicly funded research projects
 - Presently, the mention is recommended in project reports when articles are deposited in repositories.

- ❑ National universities must maintain the DBs of faculty publications for evaluation purpose.

New moves

In the draft of the next-term basic policy of science and technology:

1. To substantialize institutional repositories and to encourage to make more research databases open for more ease of public access to research results
2. To promote digitization of research information
3. To promote open access to research information not only in STM but in humanities and social sciences
4. To support to employ effective measures of efficient and sustainable acquisition of E-journal in universities
5. To encourage researchers to deposit research articles in institutional repositories with short abstract for general public

The policy will be finalized by next spring after modifications.

Summing-up

- ❑ International collaboration and harmonization
- ❑ More discussion and more advocacy for institutionalization
- ❑ Smarter measures to encourage self-archiving
- ❑ Human resources for new activities

Thank you for your attention!