<Lecture 7>Promotion of open science and the role of university libraries

Sugita, Shigeki

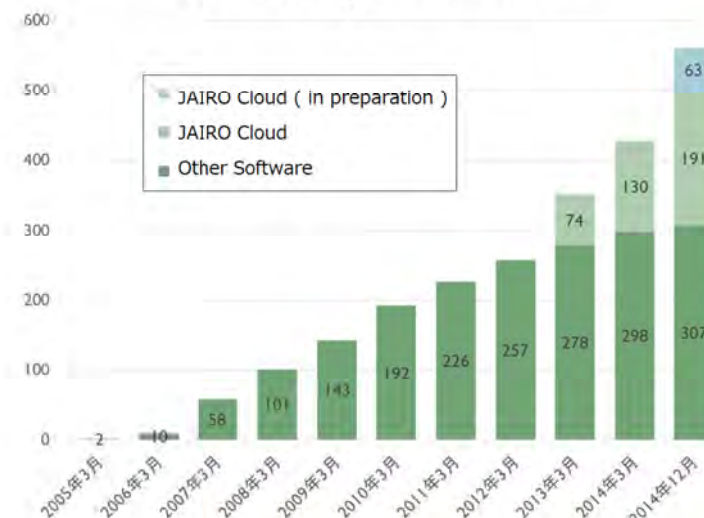# Promotion of open science and the role of university libraries

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Chiba University Library

October 13, 2015
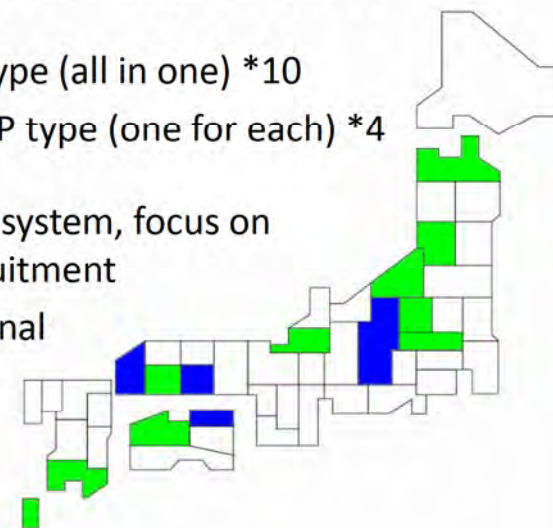
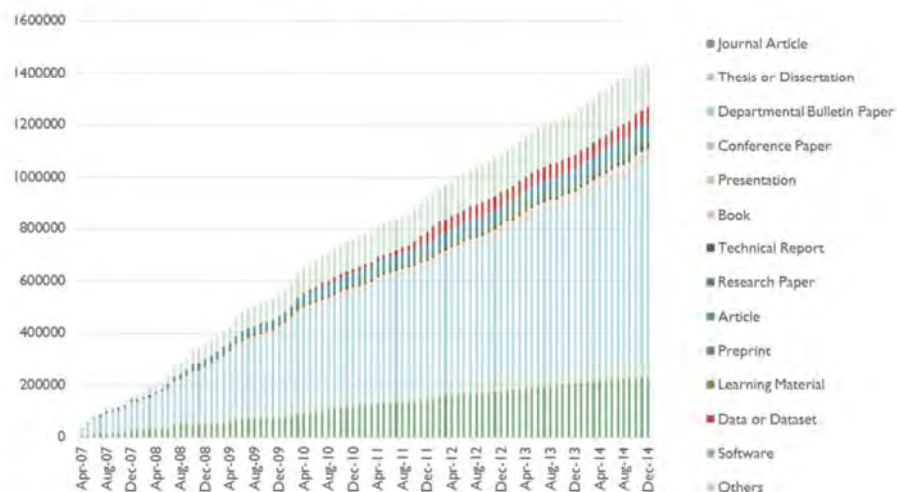---

of Repositories

OAI Networks
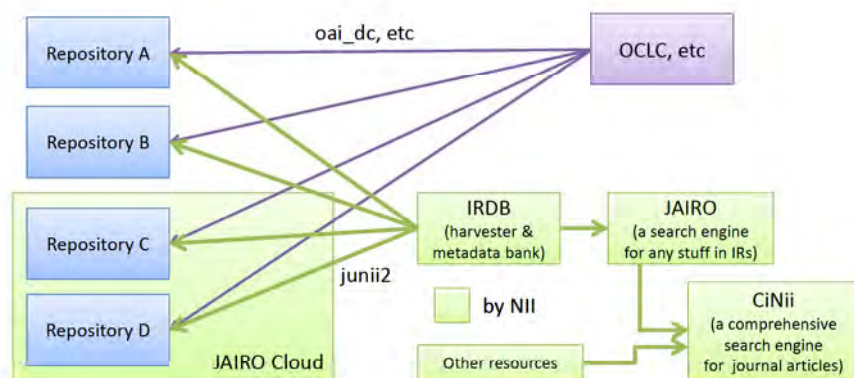
Consortial repositories

Whiterose type (all in one) *10

SHERPA-LEAP type (one for each) *4

- Hands off the system, focus on contents recruitment
- Develop regional communities

of Contents

Legend:
- Journal Article
- Thesis or Dissertation
- Departmental Bulletin Paper
- Conference Paper
- Presentation
- Book
- Technical Report
- Research Paper
- Article
- Preprint
- Learning Material
- Data or Dataset
- Software
- Others

"KIYO" (Departmental Bulletin Papers)

- Journals published by universities
  - Edited by faculties / by departments / by laboratories
  - In Japanese / in English
  - Submission from inside / sometimes by students / globally
  - Light (or no) peer-review / strict peer-review
  - Highly rated in Humanities and Social Sciences / in STM
- Not commercially distributed, but by inter-university exchange
- As contents of a repository
  - Easy to negotiate
  - Easy to handle
  - Easy to digitize
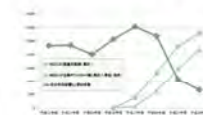
北大法学論集
Hokkaido Law Review

HARVARD LAW REVIEW
cf. Harvard Law Review

Repository managers

- Mostly librarian, caught up in a job rotation system
- Around 3 years in the position
  - Avg. 1 FTE * 500 repositories in Japan
  - 170 new comers at the beginning of a year
- Hard to inherit experience and expertise

Junii2 ver.3.1

- NII metadata element set (http://irdb.nii.ac.jp/oai/junii2-3-1.xsd)
  - Not an application profile of the Dublin Core, but inheriting many features from the DC
  - Original elements
    - NIIsubject/NIItype/NIIspatial/NIItemporal
    - NDC, NCID, NAID, ichushi, …
    - grantid/dateofgranted/degreename/grantor

e.g. NIItype

- Resource type vocabulary (14 terms)
  - To be dumbed down into DC.type

| Journal Article	Book	Learning Material
Thesis or Dissertation	Technical Report	Data or Dataset
Departmental Bulletin Paper	Research Paper	Software
Conference Paper	Article	Others
Presentation	Preprint	

  - Needs to improve interoperability with COAR resource type vocabulary
  - Needs an extension for research data?

A goal of Open Access to publicly funded research through the promotion of university repositories

"Open Science"

- A long way to go
- Our mission is to **create change** and build a better scholarly communication system for the future. We are working on making long-term-change
  - SPARC Europe's mission (Alma Swan et al. "SPARC Europe : Who we are & what we do")
    - http://www.slideshare.net/SPARCEurope/sparc-europe-who-we-are-45008319
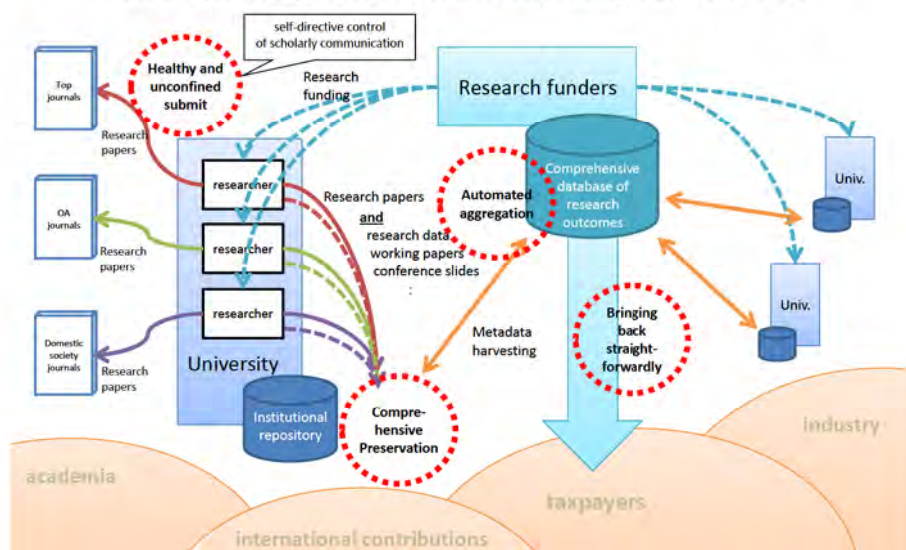
Lessons from U. Minho
(by T. Misumi on April 17, 2015)

- RepositóriUM (repositorium.sdum.uminho.pt)
- Ricardo Saraiva + 1~2 FTE
- OA policy intensification in 2011
  - Not only an obligation
  - Have raised the awareness of academics
- Compliance monitoring (quarterly)
- "Guia de Auto-Arquivo do RepositóriUM"
- 70% OA

He that would the daughter win,
must with the mother first begin

Thank you