Open Repositories 2017
Isomorphic Pressures on Institutional Repositories in Japan

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- Digital Initiatives and Information Technology Faculty Librarian, Open Access

- Work with Faculty and our Repository & Research the How/What/Why/When we can get stuff into our IR

- Researcher in Past with Japan Foundation Japanese Institutions

- & PhD student in Communications and Information Science - entering proposal phase of phd…

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Number of Institutions which have released IRs
Number of Institutions which have build or been building IRs on JAIRO Cloud
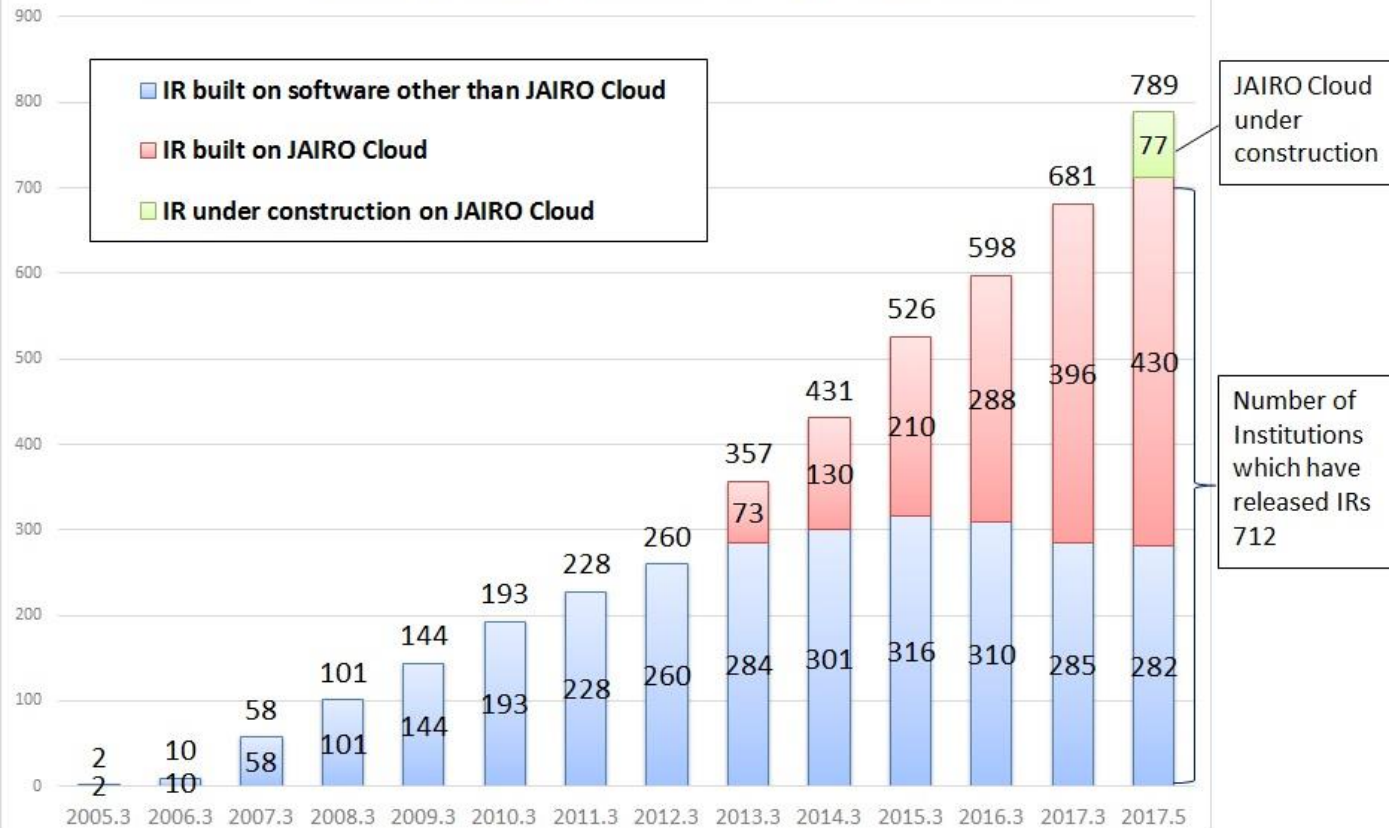
Previous Work

- **Rate of growth** in IR numbers. (e.g., Davis & Connolly, 2007; Lawal, 2002).

- **Adoption** by faculty and researchers slowly adopting IRs (in terms of contributing and using content) in most areas (with IRs such as arXiv, PLOS and PubMed Central as exceptions)

- **Advocacy faculty-researcher engagement** with repositories (e.g., Buehler, 2013; Foster & Gibbons, 2005).

- **OA Policy** - How institutions, funders, or other agencies have developed IR policy mandates to increase IR usage (e.g., Larivière et al., 2012; Pinfield, 2005).

- **International or Global IR trends** explained by research on Diffusion of Innovation Theory (Rogers, 2003; Jones, Andrew & MacColl, 2006; Xia, 2012).

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Holistic Framework

- **BIGGER PICTURE** of "organizational legitimacy"
  - Examining norms, values, beliefs, and definitions, in order to understand how IRs are legitimized (or not) by larger organizational structures
- **Neo - Institutional Theory 3 mechanisms (pressures)** that produce a phenomenon called isomorphism, or "institutional pillars":
  - regulatory/coercive,
  - cognitive/mimetic, &
  - normative

  (DiMaggio & Powell, 1983; Scott, 2001).

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Problem

How are IRs are legitimized (or not) by larger organizational structures in Japan?

Why is this important?

- Rapid growth in IR numbers, infrastructure, technical underdevelopment, or other infrastructure barriers

- Faculty submissions to IRs lagging (e.g., Dubinsky, 2014, Lynch, 2017…)

- Research on IRs has mainly focused on Western Europe, North America, and Australia

- Tensions in interests, Lack of public availability of research, produced with public monies, that remains inaccessible behind publisher paywalls…

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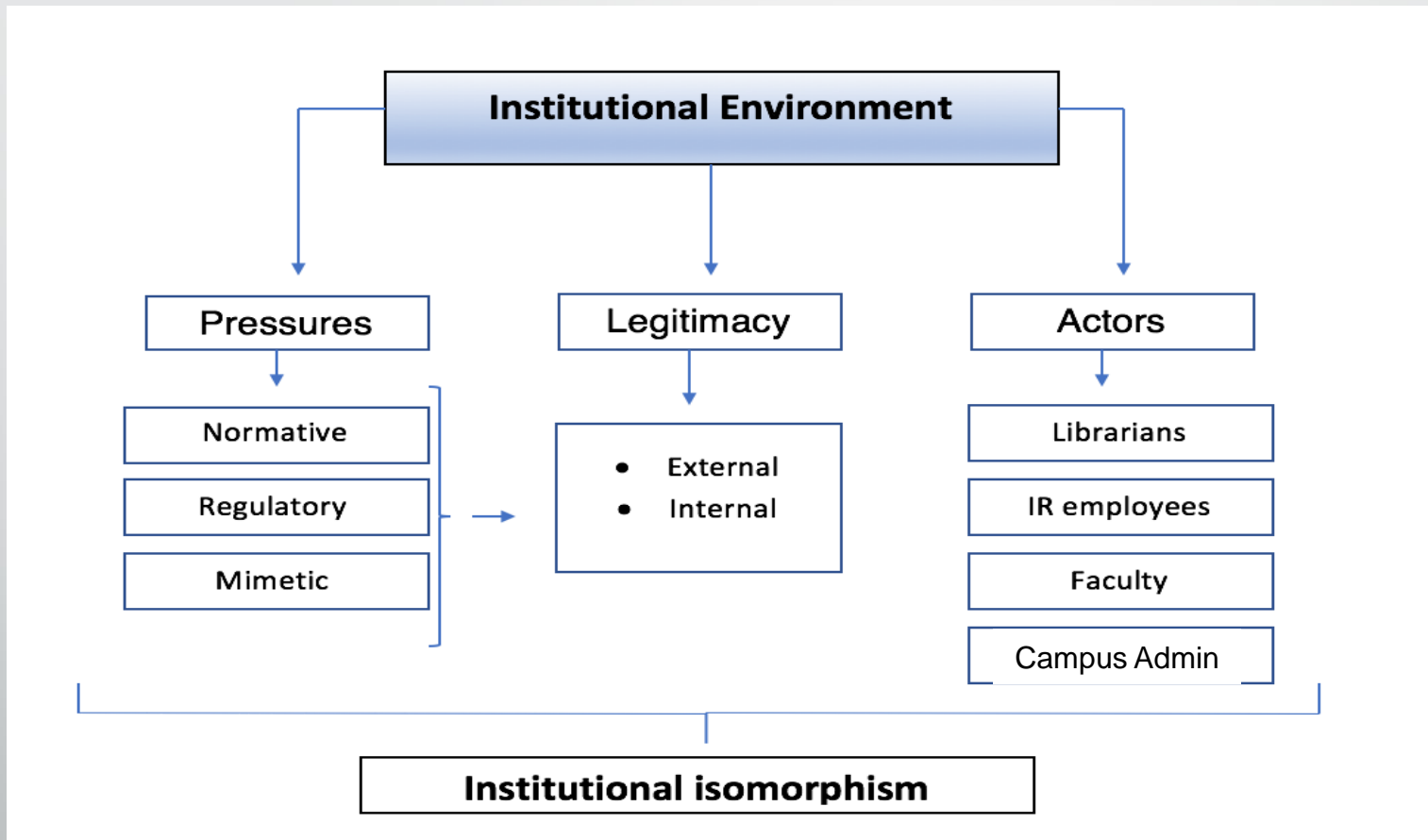
Source: Proposed Framework created by the author and influenced by DiMaggio and Powell, 1983.

What ?

NORMS:

- Institutional expectations perceived as normal and behaviors are transferred onto individuals within a profession

Legitimacy:

- How organizations adapt to social expectations to gain acceptance

  - External

  - Internal

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Data Collection

Phase I - Content analysis of Websites of Institutions IRs in Japan (& United States) - via ROARMAP and OpenDOAR.

- Analysis of mission and vision statements, types of institution, policy status, IR locations, and people involved, (1) identified themes, trends, mandates, and core beliefs; (2) captured the language and definitions being used; (3) identified cases for further study;

Phase II – Open-ended Interviews :

SPARC - National Institute for Informatics – Tokyo, Japan

Librarians, Universities in Japan

Faculty, Universities in Japan

Findings:

A Few Interesting Normative Pressures:

1) Technical / Infrastructure

NII supports shared cloud instance of IR architecture system on a virtual server April 2012

Limited resources and less technical knowledge no longer impede the implementation of IR esp. at small universities.

2) Policy / Process

- Open Access Policies in Japan very recent - most OA University Policy is New Since 2015 - 2017
http://openscience.jp/oa/oa-policy/

Findings continued:

- Librarians play a Major Role but NOT long term - usually only in the IR role for ~ 2 years then transfer to different section

- Librarians assist directly in University faculty deposits

3) Faculty Behaviors

- Some different models of scholarly communication i.e. Kiyo (Department Journals – where research gets published and can now be globally accessed) + international

- Depositing in IR's not necessarily connected to pressures of Tenure and Promotion

Thank you, Aloha !

Question? Comments? Feedback?

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Please email me for sources ☺

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