

Report from JPCOAR

Community Activities in Japan

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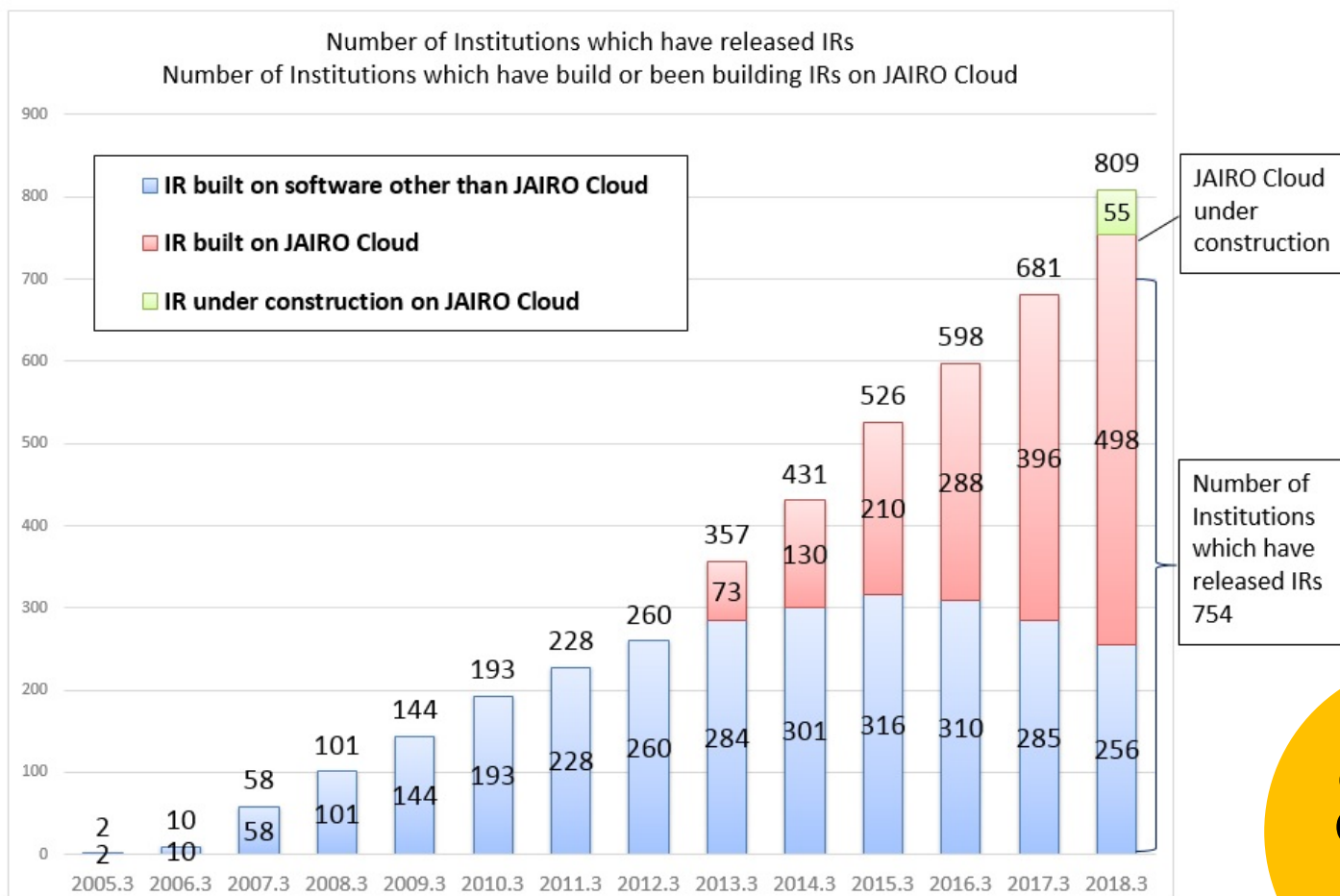
& JPCOAR - Japan Consortium for Open Access Repository

Topics

- Today's Institutional Repositories in Japan
- Focus on community: JPCOAR
- Activity of JPCOAR in 2018
 - Advanced development
 - Training
 - Promotion
 - Planning
- 2019 and later

Today's IRs in Japan

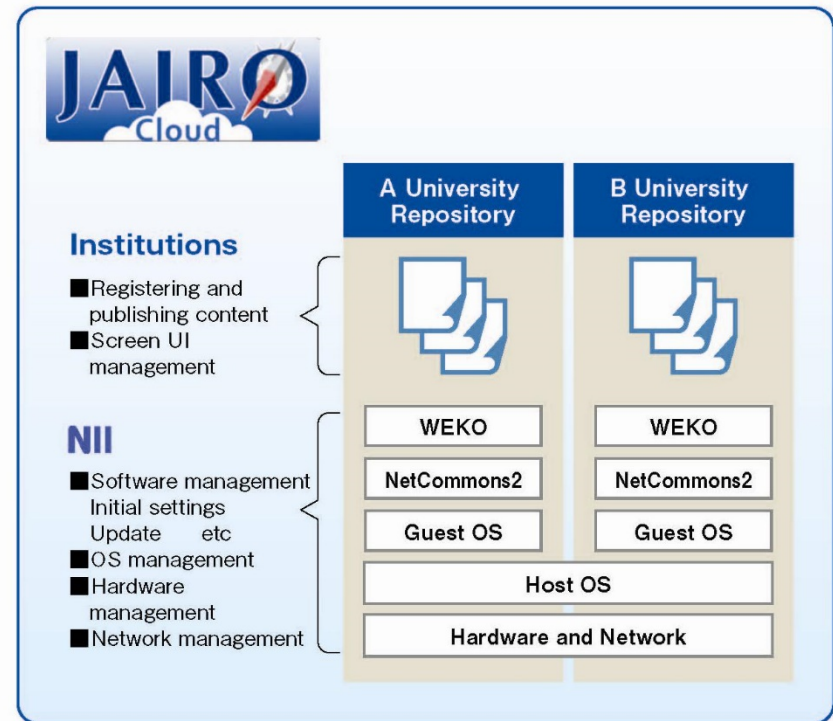
Institutional Repositories in Japan



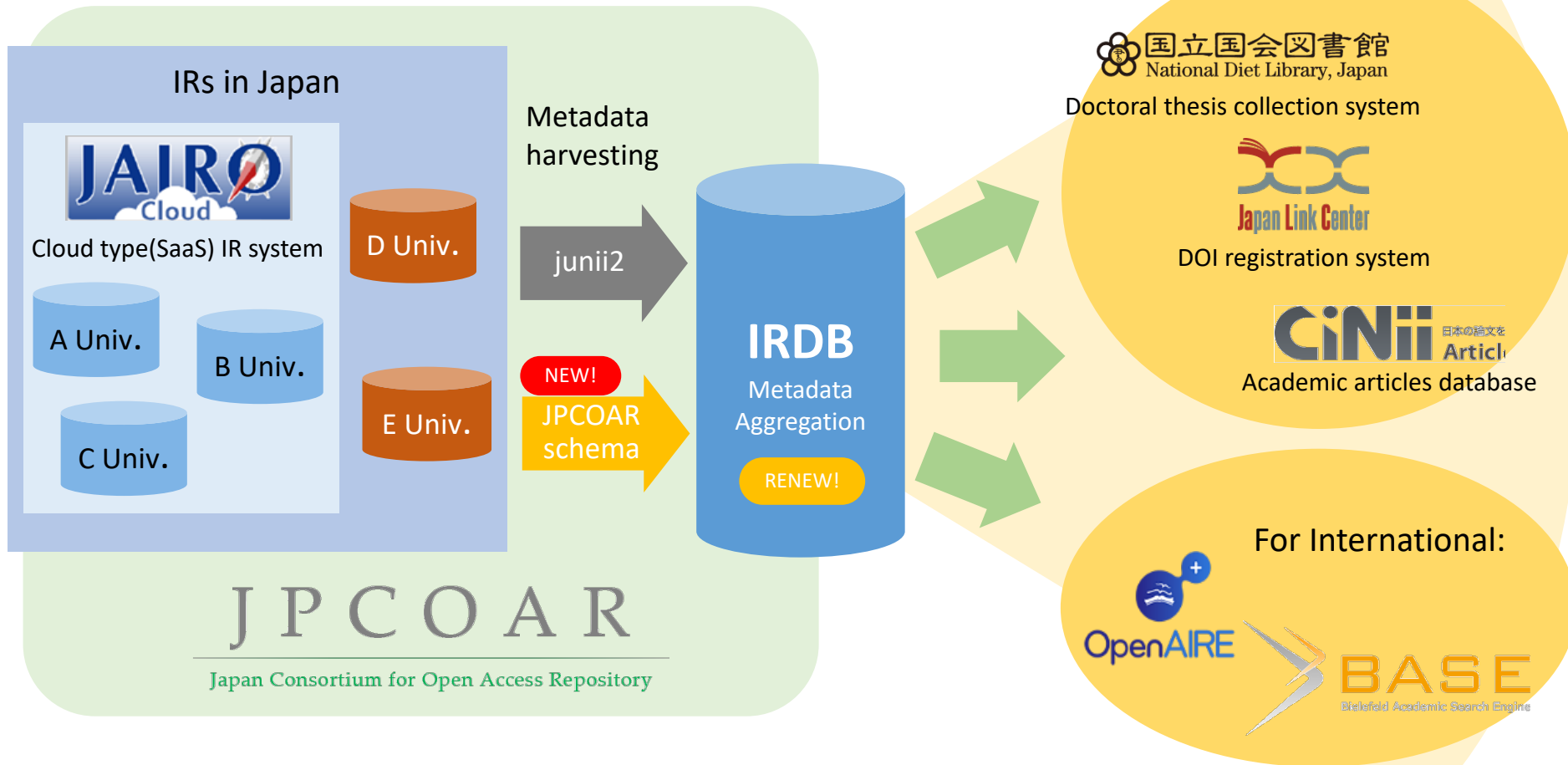
809
 Repositories!

JAIRO Cloud: IR cloud service for Japanese institutions

- developed by the National Institute of Informatics(NII, Japanese NREN)
- make it easy to launch IR in some small / less resources institutions
- adopted 60%↑ repositories



Repository Network



Focus on Community: JPCOAR

JPCOAR

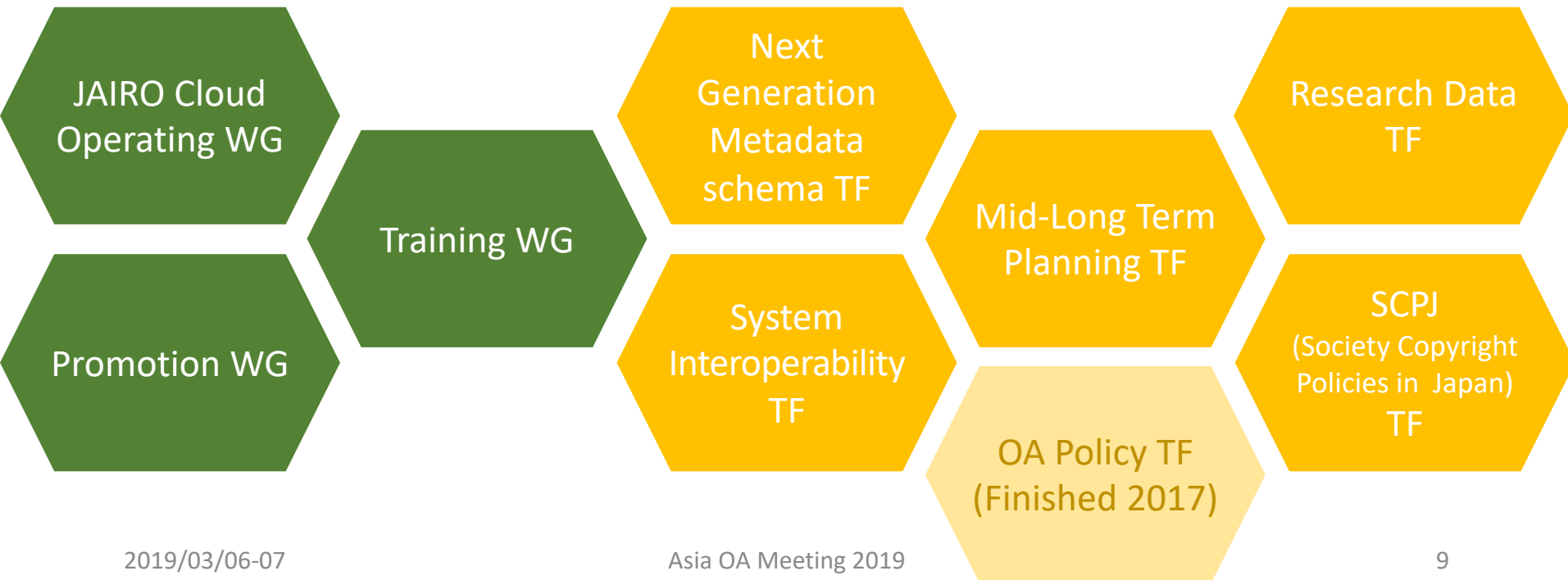
- Japan Consortium for Open Access Repository (2016.7~)
 - A nationwide community in Japan
 - <https://jpcoar.repo.nii.ac.jp/>
- Missions
 1. Accelerate Open Science and Scholarly Communication
 2. Co-operate JAIRO Cloud
 3. Increase and Enrich IR content
 4. Plan and Conduct Training Courses
 5. Collaborate with International Efforts
- **587** member institutions (2019.1)



JPCOAR Working Group & Task Force

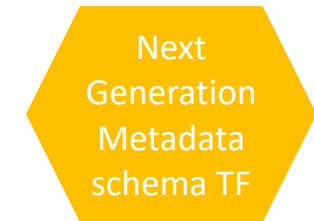
- Working Group:
fundamental operation

- Task Force:
advanced development



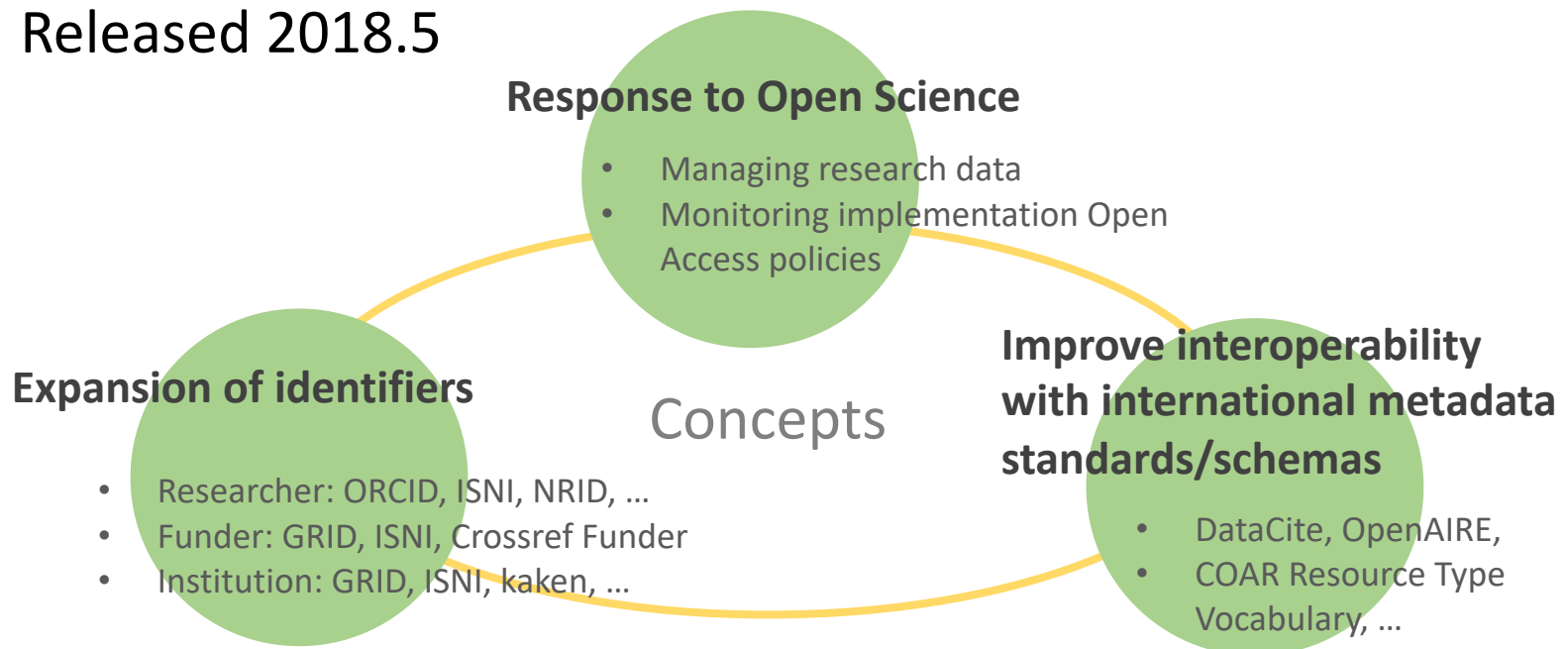
Activity of JPCOAR in 2018

Advanced Development

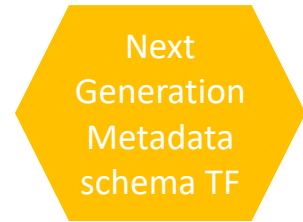


Metadata Schema: JPCOAR Schema

- A new Japanese metadata schema for the smooth international distribution of scholarly outputs
- Released 2018.5



Metadata Schema: JPCOAR Schema



寄与者の記入例

```

第1階層
├── <jpcoar:contributor contributorType="Editor">
第2階層
│   ├── <jpcoar:nameIdentifier nameIdentifierScheme="ORCID"
│   │   │   nameIdentifierURI="https://orcid.org/0000-0001-0002-0003">
│   │   │   0000-0001-0002-0003
│   │   └── </jpcoar:nameIdentifier>
│   ├── <jpcoar:contributorName xml:lang="ja">山田, 一郎
│   │   └── </jpcoar:contributorName>
│   ├── <jpcoar:contributorName xml:lang="en">Yamada, Ichiro
│   │   └── </jpcoar:contributorName>
│   └── <jpcoar:affiliation>
第3階層
│       ├── <jpcoar:nameIdentifier nameIdentifierScheme="kakenhi">12601
│       │   └── </jpcoar:nameIdentifier>
│       ├── <jpcoar:affiliationName xml:lang="en">University of Tokyo
│       │   └── </jpcoar:affiliationName>
│       └── </jpcoar:affiliation>
└── </jpcoar:contributor>
    
```

2018年度JPCOARスキーマ説明会

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JPCOARスキーマガイドライン
JPCOAR Schema Guidelines

Search this site [日本語]

Schema | history | FAQ | Contact | Links

Home

Schema

Title

Alternative Title

Creator

Contributor

Access Rights

APC

Rights

Rights Holder

Subject

Description

Publisher

Date

Language

Explanatory Notes to the List of JPCOAR Schema Terms

⊙ Element

- Name of the element

Usage:

- M: Mandatory (It must be used)
- MA: Mandatory when applicable (It must be used when there is applicable information)
- R: Recommended (It is recommended to use)
- O: Optional (It is optional to use)

Occurrence:

- 0-N: Repeatable (except mandatory term)
- 1-N: Repeatable (mandatory term)
- 0-1: Non-repeatable (except mandatory term)
- 1: Non-repeatable (mandatory term)

⊙ Attribute

- Attribute that can be used for each element

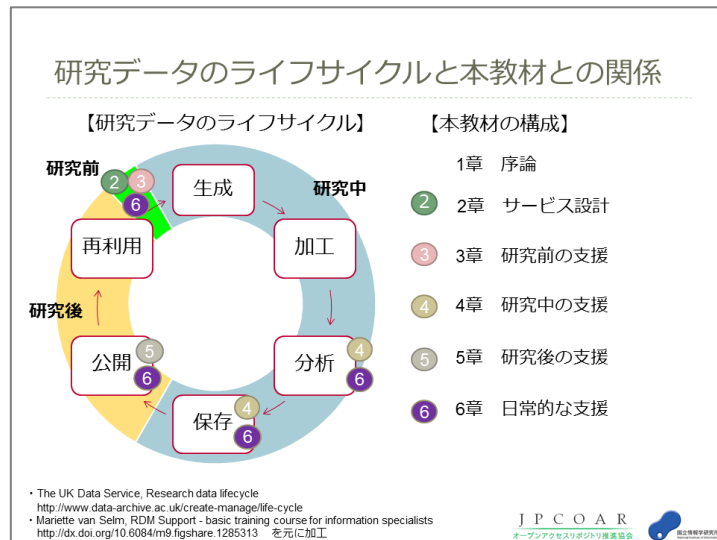
Sample

JPCOAR Schema Guideline (in English)
<https://schema.irdb.nii.ac.jp/en>

Learning material: RDM Service - design and practice



- How to design and practice research data management services according to researchers' research processes
- Released 2018.8



- Chapter 1: Introduction
- Chapter 2: Designing RDM services
- Chapter 3: RDM support before
- Chapter 4: RDM support during research projects
- Chapter 5: RDM support after research projects
- Chapter 6: Ongoing training and support

RDM Service - design and practice:
<http://id.nii.ac.jp/1458/00000107/>

Promotion

For domestics and overseas

Domestic Forums

- Japan Open Science Summit (Cooperation)
 - “Training Course for RDM”
 - “Support for Distribution of Research Data by Univ. Lib.”



<https://joss.rcos.nii.ac.jp/2018/>
https://jpcoar.repo.nii.ac.jp/?page_id=49#_href_239

2019/03/06-07

- Library Fair & Forum
 - “What’s the First Step for the OPEN SCIENCE? : Planning of JPCOAR”



https://jpcoar.repo.nii.ac.jp/?page_id=49#_href_280

Asia OA Meeting 2019

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Domestic Briefings

- JAIRO Cloud
 - System migration

JAIRO Cloud
Operating
WG



- JPCOAR Schema

Next
Generation
Metadata
schema TF



Online issues



- JPCOAR Newsletter: CoCOAR
- online issue
- Reach the latest topics about OA/OS/IR etc., to every stakeholders in Japan



JPCOAR Newsletter
CoCOAR No.06
 December 2018
 発行: オープンアクセスリポジトリ推進協会
 jpcoar@nii.ac.jp

特集! オープンアクセスウィーク2018

2018年10月22日~28日はオープンアクセスウィークでした。今年のテーマは、“Designing Equitable Foundations for Open Knowledge” (オープンナレッジに向けて公正な基盤を設計する)。あらゆる国のあらゆるステークホルダーにも、公平に、必要な信頼を得られるオープンな仕組みの構築が必要であるという意味です。
 JPCOARでも、オープンアクセスウィークに合わせてがスターやガーランドのテンプレートを作成・公開しました。また、各地でオープンアクセス周知のための様々な取り組みが行われました。その一部をご紹介します。

OPEN ACCESS

千葉大学附属図書館
 ポスター展示、文庫本ブックカバー配布

大阪市立大学
 ポスター展示

北海道大学附属図書館
 実施したテーマの発表、講演会、ワークショップ、パネルディスカッション、ミニセミナー、パネルディスカッションの開催

小樽商科大学
 開館10周年記念イベント企画・公開
 特設ウェブページ・パンフレット配布

神戸大学附属図書館
 貸し出し部門の紹介・twitterでの広報等

JPCOAR
 オリジナルポスター作成

鳥取大学附属図書館
 ガーランド制作、パネル展示

オープンアクセスウィークは毎年開催されている世界的なイベントです。まだ実施したことがない機関の皆さまも他機関の取り組みや以下のサイトを参考に、来年はぜひ参加をご検討ください。
 ・Open Access Week <http://www.openaccessweek.org/>
 ・JPCOAR オープンアクセスウィーク2018特設サイト https://jpcoar.repo.nii.ac.jp/?page_id=102

JPCOAR Newsletter: CoCOAR No.06 (2018.12)

J P C O A R
 Open Access Repository Promotion Association

JPCOAR Newsletter CoCOAR No.06 (2018.12)

J P C O A R
 Open Access Repository Promotion Association

※本誌は、日本の大学が所属しているオープンアクセス第一図書館であるウェブサイトです。(本誌編集長 研究部長 氏)

https://jpcoar.repo.nii.ac.jp/?page_id=62

International Conference

ETD 2018 Taiwan

Next Generation Metadata schema TF

The current state of doctoral theses published via Institutional Repositories in Japan

Change of publication method of doctoral theses
 The system of granting degrees in Japan is governed by the degree regulations (the Ordinance of the Ministry of Education, Science and Culture No. 3) since 1953. Doctoral degree recipients are required to publish their theses. The degree regulations were amended in March 2013, and the publication method changed from print to the Internet.

Before March 2013 (Print Publication)
 degree recipient → National Diet Library (NDL) → Institutional Library of each degree granting institution

After April 2013 (Internet Publication)
 degree recipient → Institutional Repository(IR) of each degree granting institution → National Diet Library (NDL)

Metadata distribution of doctoral theses

IR → NDL → IR (via OAI-PMH) → National Diet Library (NDL)

IR → IR (via OAI-PMH) → National Diet Library (NDL)

IR → IR (via OAI-PMH) → CINI Dissertations → National Institution of Informatics and Library (NII)

1. Degree recipients publish their thesis at each IR.
 2. IRDO (national aggregator) harvests metadata.
 3. NDL collects fulltext from IRs based on metadata provided from IRDO.
 *There is also a case to be sent to the NDL web form or paper if there is no IR to the institution.
 *The NDL is a legal deposit library of Japan.
 4. CINI Dissertations is a national database of doctoral theses in Japan, which integrates IRDO and NDL metadata.
 5. Users search CINI Dissertations.
 *Fulltext links available if available.
 *Various web APIs are supported.

Stats of doctoral theses published via IRs
 The publication rate via IRs is 52% in 2013 and 54% in 2014.
 The number of theses published via IRs has increased through 2010-2016, the total number of degree recipient is still unknown.
 Reasons, why it can not be published in fulltext, are patent applications, journal submission, copyright etc.
 The number of IRs continue to increase.
 *All provided JAIRO Cloud(SaaS IR system) since 2012.
 The NDL estimated that the publication rate of doctoral theses is 68.2 percent. This rate is not limited to the publication via IRs.

About JPCOAR
 Japan Consortium for Open Access Repository (JPCOAR) is established in 2016. It consists of about 500 institutions (University/Business and Research Institutions).

1. Accessible
 2. Co-operative
 3. Innovative
 4. Plan and Co
 5. International

JPCOAR releases schemas in 2017 to promote use.



The current state of doctoral theses published via Institutional Repositories in Japan: <http://id.nii.ac.jp/1458/00000114/>

COAR Annual Conference 2018

Next Generation Metadata schema TF

JPCOAR SCHEMA

JPCOAR Schema is a new Japanese metadata schema for the smooth international distribution of scholarly outputs instead of jumi2 which is the current standard schema for institutional repositories.

- Addition of new elements for monitoring implementation of Access policies and managing research data
- Expansion of identifiers
 Adoption of major identifiers and regional identifiers for researcher, funder and institution
- Hierarchizing schema architecture for some elements
 For precise describing association between creator name, creator ID, affiliation, etc.
- Focusing on interoperability with established international metadata standards/schemas
 Adoption of many vocabularies from established standards/schemas
 Particularly COAR Resource Type Vocabulary is adopted only a part, and regional vocabularies are left corresponding to Japanese scholarly environment (vocabularies in red)

Metadata Set	Controlled Vocabularies	Metadata Set	Controlled Vocabularies
Article	conference paper data paper departmental bulletin paper editorial journal article periodical review article	conference poster	working paper
Book	article book book part	Lecture Patent Report	
Cartographic	cartographic material Material map		
Conference	conference object Object conference proceedings		

We are going to consider adoption of new COAR Schema on the web site of the Institutional Repositories DataBase (IRDB).

The Guidelines for JPCOAR Schema on the web site is <https://www.coar-repositories.org/community/events/archive/coar-annual-meeting-2018/programme/>

JPCOAR Schema: <https://www.coar-repositories.org/community/events/archive/coar-annual-meeting-2018/programme/>

Training

For human resource development

IR training for beginners

Training WG



https://jpcoar.repo.nii.ac.jp/?page_id=57



RDM training materials

- for self learning

研究データのライフサイクルと本教材との関係

【研究データのライフサイクル】

研究前 (Before Research) | 生成 (2) | 加工 (3) | 分析 (4) | 保存 (4) | 公開 (5) | 再利用 (6)

【本教材の構成】

- 1章 序論
- 2章 サービス設計
- 3章 研究前の支援
- 4章 研究中の支援
- 5章 研究後の支援
- 6章 日常的な支援

1.2.1 オープンサイエンスの潮流

オープンサイエンス = オープンアクセス + オープンデータ

オープンイノベーション

オープンサイエンスの推進体制の構築

1.3.1 研究データとは

研究データ = 研究の過程、あるいは研究の結果として収集・生成される情報 (※必要に応じて各機関の定義を確認)

1.4.1 研究データ管理 (RDM: Research Data Management.) とは

研究データ管理 = ある研究プロジェクトにおいて使用された、あるいは生成された情報を、どのように組織化、構造化、保管、管理していくのか、を指す言葉

1.5.1 研究データ管理サービスとは

研究データ管理サービス = 研究者により生み出される研究データを適切に管理できるように、研究を支援するスタッフが協働して必要なサービスを提供すること

• The UK Data Service, Research data lifecycle <http://www.data-archive.ac.uk/create-manage/life-cycle>

• Maricette van Selm, RDM Support - basic training course for information specialists <http://dx.doi.org/10.6084/m9.figshare.1285313> を元に加工

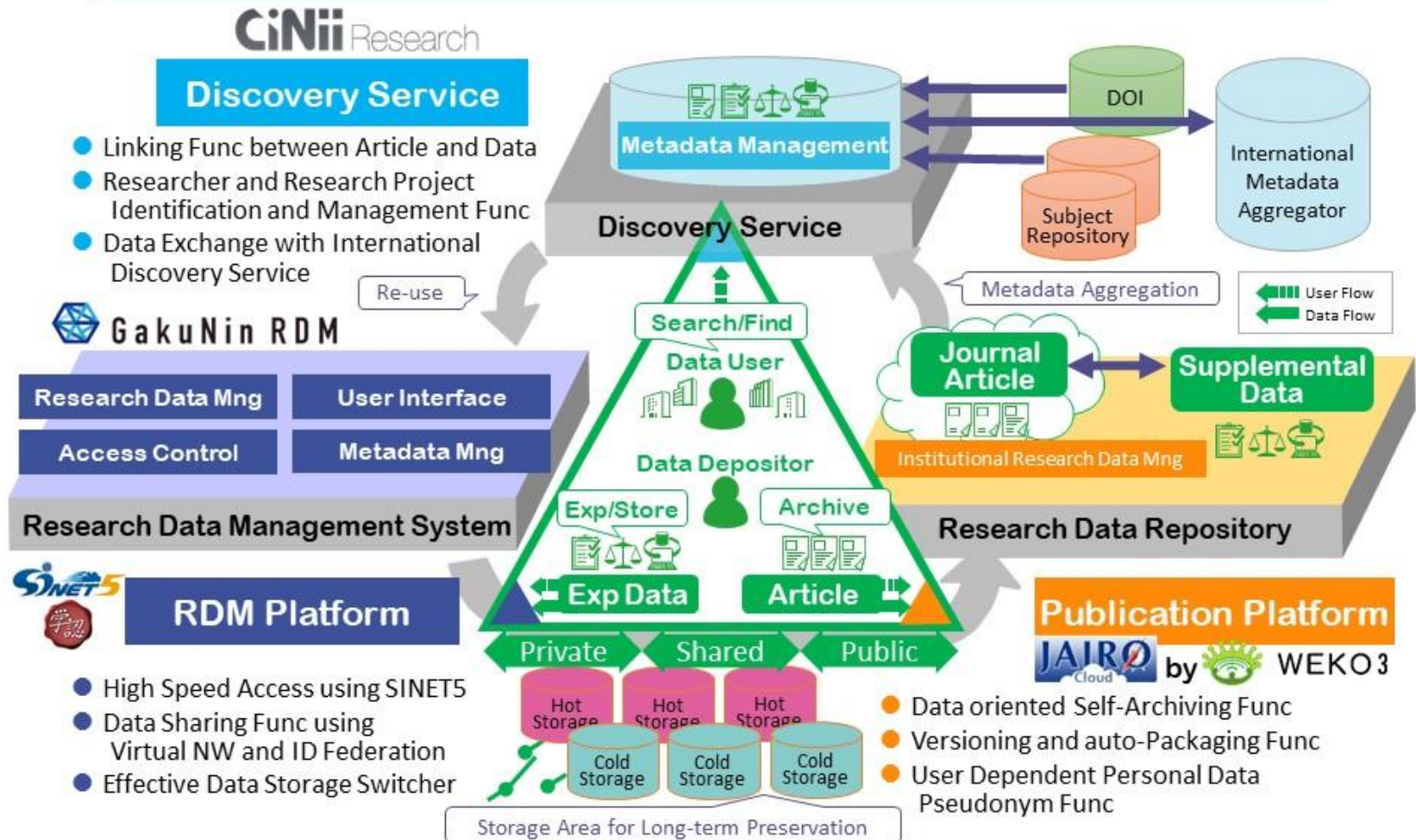
J P C O A R
オープンアクセスリポジトリ推進協会

RDM Service - design and practice: <http://id.nii.ac.jp/1458/00000107/>

Planning

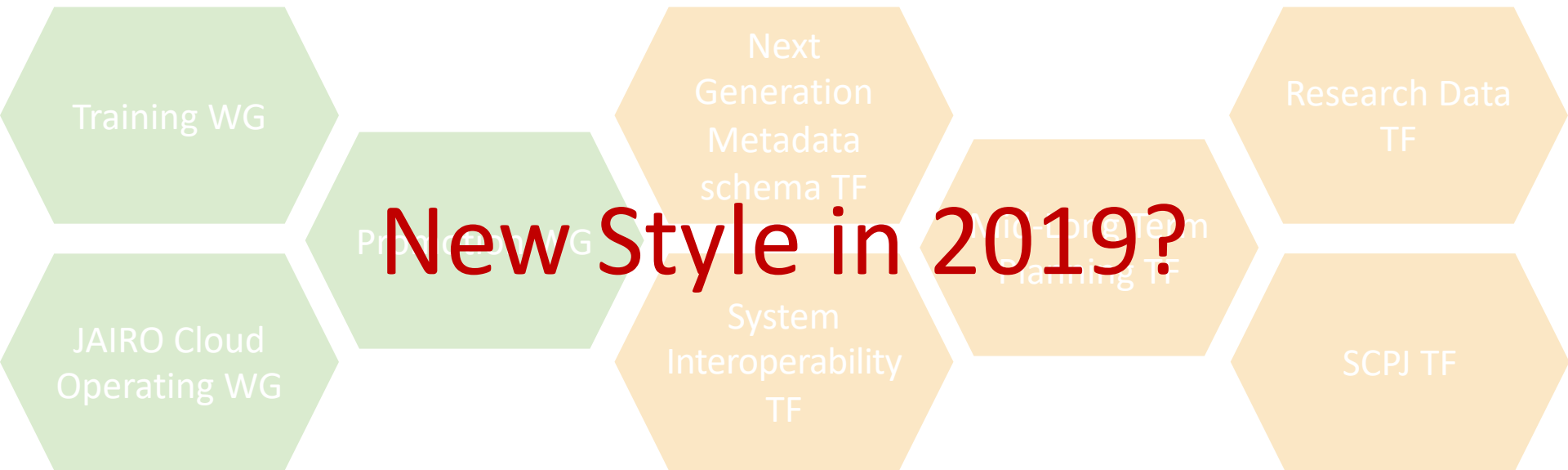
2019 and later

Overview of RCOS Services



<https://rcos.nii.ac.jp/en/service/> 18

Restructuring Based on the Plan





Next Generations Repository, Next Generations Community!

Thank you for your attention!

- If you have any question,
please contact;
- nakatani @ tottori-u.ac.jp



紋縮緬地熨斗文友禅染振袖
(National Important Cultural Properties)
<http://bunka.nii.ac.jp/heritages/detail/132044/2>



- Tabane-noshi
(Noshi Bundle)
 - Japanese traditional design
 - adopted for JPCOAR Newsletter logo as a symbol of our unity