JPCOAR Open Access Repository Strategy from Fiscal 2019 to 2021
March 13, 2019

Current Situation: A Changing Environment for Institutional Repositories

Since its founding in 2016, the Japan Consortium for Open Access Repository (JPCOAR) has continued to grow as an open access repository community that is unparalleled around the world. JPCOAR, as a new repository community of university libraries, has improved the circulation of scientific information by promoting open access to scientific literature through institutional repositories. These endeavors will remain the foundation of JPCOAR. In its basic function as an institutional repository, JPCOAR will self-archive scientific journal articles and will provide public access to bulletin articles and dissertation theses. Moreover, JPCOAR will disseminate a range of scientific results as a repository-based knowledge dissemination system. On the other hand, conditions surrounding repositories have changed greatly in recent years. In relation to the global trend toward open science, the Fifth Science and Technology Basic Plan defines open science as "a concept that encompasses open access and making research data into open data" and advocate the promotion of open science as a knowledge infrastructure engendering innovation. In order to contribute to open scientific research results as stated in JPCOAR's prospectus, it will be necessary to build on past initiatives on open access and to promote open science by collaborating closely with domestic and foreign organizations.

Vision

In light of the domestic and foreign situation for institutional repositories, JPCOAR as a repository community will collaborate with related domestic and foreign organizations and communities, build a repository-based knowledge dissemination system, and promote open access further. Based on the needs of member institutions, JPCOAR will handle various types of contents and work to improve repository functions that increase content value. Moreover, JPCOAR will contribute to the promotion of open science by developing a repository environment that also handles research data. JPCOAR will respond to the rapidly changing environment, strengthen its functions as a community, work to raise the level of member institutions as a whole, and endeavor to foster core human resources who will lead the way forward in a new age.

Open Access Repository Strategy for 2019 to 2021

To realize its medium-term vision, JPCOAR will engage in activities in the three years

between fiscal 2019 and 2021 based on the following strategy.

1. To contribute to the promotion of open science, engage in leading initiatives on the public access to and circulation of research data
2. Establish an infrastructure for the circulation of scientific information that advances open access, and promote the distribution and use of contents
3. Strengthen functions as a community supporting open access repositories
4. Foster human resources able to advance open access and open science
5. Strengthen JPCOAR's operational infrastructure and enhance its brand equity

Activities Based on the Strategy

1. To contribute to the promotion of open science, engage in leading initiatives on the public access to and circulation of research data
Activity plan
1.1 Clarify the roles and functional requirements of a domestic institutional repository handling research data, and establish an infrastructure for providing public access to research data
1.2 Coordinate with relevant domestic and foreign institutions, and engage in activities related to the promotion of circulation and the evaluation of research data
1.3 To promote the management, sharing, and public access to research data, work to raise the awareness and skills of staff involved in research support, and support the activities of member institutions
Responsible group
Research Data Working Group

2. Establish an infrastructure for the circulation of scientific information that advances open access, and promote the distribution and use of contents
Activity plan
2.1 Develop measures to collect more contents, and promote activities that will contribute to the open access of scientific information through repositories
2.2 Monitor trends on copyright policies of journals, and make suitable approaches to academic societies and associations
2.3 Work to disseminate the JPCOAR Schema, a metadata schema supporting the distribution of a various types of contents, and undertake appropriate maintenance to ensure international interoperability.

2.4	Promote use of permanent identifiers as a basis for exchanging data with external
2.5	To enable reuse of contents, promote the granting of licenses by copyright holders
2.6	Coordinate and cooperate with the National Institute of Informatics, and improve the functions of JAIRO Cloud while maintaining its stable and sustained operation

Responsible group
Contents Working Group

3. Strengthen functions as a community supporting open access repositories

Activity plan	
3.1	To support community activities, provide a place for mutual information exchange among members
3.2	Collect domestic and foreign leading-edge initiatives, technology, and knowledge and provide them to member institutions
3.3	Provide support to institutions using JAIRO Cloud through the JAIRO Cloud community site, and continue to support institutions moving to JAIRO Cloud
3.4	Share information as a community on the independent activities of institutions, such as initiatives to expand contents and the formulation of policies by member institutions
3.5	Support the outstanding initiatives of member institutions and return their results to JPCOAR and member institutions

Responsible group
Community Empowerment Working Group

4. Foster human resources able to advance open access and open science

Activity plan	
4.1	Clarify standard technical skills and knowledge needed by human resources to advance open access and open science
4.2	Provide ample opportunities for training, including online learning, for a range of subjects and levels such as repository managers and staff involved in research support
4.3	Through such activities as working groups, task forces, and foreign assignments, support the fostering of core human resources who will lead open access and open science forward

Responsible group

Training Working Group

5. Strengthen JPCOAR's operational infrastructure and enhance its brand equity
Activity plan
5.1   To promote open access, expand the number of member institutions and strengthen further the operational infrastructure of people and finances
5.2   Broadly disseminate JPCOAR's activities and their results, work to increase its recognition domestically and abroad, and strengthen its overseas presence primarily in Asia
5.3   To promote open access and open science through repositories, collaborate appropriately with related domestic institutions and organizations
5.4   To participate actively in international initiatives, collaborate with international communities and initiatives promoting open access and open science
Responsible group
Steering Committee