



Module 2: Open Access Infrastructure

Topics/ Units

- Open access infrastructure - Introduction
- Open Access Repositories
- **Open Journals**
- More About Open Approaches

Wednesday 29th May 2024

Session 7

UNIT OBJECTIVES

Objectives of Scholarly Communication

This unit briefly discusses:

- the different types of Open Access journals and their contribution to improving access to peer reviewed information.
- focus on how librarians can start OA journals to assist their patrons..

Learning Outcomes

After going through this topic the participants are expected to be able to:

- Explain the concept of open access journals;
- Identify the types of OA journals;
- List different types of software available for hosting open journal system;
- List the criteria for choosing open journal system;
- Carryout needs analysis for OA journal and prepare a business plan for deployment of appropriate software; and
- Take appropriate steps to install and manage OA Journal system.

AREAS OF FOCUS

- What is Open Access Journal?
- Types of Open Access Journals
- Open Source Journal Software
 - Open Source Journal Systems
 - Criteria for the evaluation of Open Journal Software
 - Open Access Journal Business Models
- Deployment and Implementation
 - Business Plan: Open Access Journal Service
 - Business Plan: Individual Open Access Journal Title
- Software installation, management and services
 - Setting up a journal hosting service
 - Setting up an individual journal title

What is an open access journal?

- Open Access journals as journals that use a funding model that does not charge readers or their institutions for access – DOAJ (Directory of Open Access Journals).
- To be included as part of the directory, it needs to adhere to the BOAI (Budapest OA Initiative) definition of Open Access: users should have the right to "read, download, copy, distribute, print, search, or link to the full texts of these articles".

Criteria for OAJ to be included in DOAJ

- a) The journal must exercise peer-review or editorial quality control.
- b) The journal must report primary results of research or overviews of research results to a scholarly community.
- c) Subject coverage: all scientific and scholarly subjects are covered.
- d) Types of resource: scientific and scholarly periodicals that publish research or review papers in full text are accepted.
- e) Acceptable sources: academic, government, commercial, non-profit private sources are all acceptable.

Criteria for OAJ to be included in DOAJ

- a) Level: the target group for included journals should primarily be researchers.
- b) Content: a substantive part of the journal should consist of research papers and all content should be available in full text.
- c) Journals in all languages are included.
- d) All content must be made freely available.
- e) Free user registration online is allowed.
- f) Open Access without delay will apply (e.g. no embargo period).
- g) Online journals should have an eISSN.

Types of OAJs

- a) General journals: multidisciplinary, broadly focused, and accepting contributions from many fields of research.
- b) Specialized journals: more narrowly-defined focus, and is often disciplinespecific.
- c) Regional journals: covering research from a particular geographic area, whether national or international.
- d) Institutional journals: centred on an individual institution.
- e) Annual Reviews: published once a year.

Factors to consider when deciding on a choice for an OAJ

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Examples of OSJS (Open Source Journal Systems) software/ applications

- a) Ambra - Formerly part of Topaz (below), but forked.,
<http://www.ambraproject.org/>
- b) CLEO - <http://cleo.cnrs.fr/> - In French.
- c) DiVA - <http://www.diva-portal.org/about.xsq> - From the Electronic Publishing Centre at Uppsala University Library.
- d) DPubS - <http://dpubs.org/> - From Cornell University Library and Pennsylvania State University Libraries and Press.
- e) E-Journal - <http://drupal.org/project/ejournal> - From Drupal.
- f) ePublishing Toolkit - <https://dev.livingreviews.org/projects/epubtk/> - From the Max Planck Gesellschaft.

Examples of OSJS (Open Source Journal Systems) software/ applications

- a) [GAPworks](#) - From German Academic Publishers (GAP).
- b) [HyperJournal](#) - From the University of Pisa.
- c) [Lodel](#) - Lo del is the publishing software behind Revues.org.
- d) [OpenACS](#)
- e) [Open Journal Systems](#) - From the Public Knowledge Project.
- f) [SOPS](#) - From SciX.
- g) [Topaz](#) - From the Public Library of Science. Also see Ambra, above.

Open Access Repositories

Activity: *In Groups: Review the materials below”*

- *Most prevalent journal publishing platforms pp. 57*
- *Open Access journal launch services are available to help launching new Open Access journals (Open Access Directory (OAD) pp. 57*
- *Criteria for the evaluation of Open Journal Software pp. 58*
- *OAJ functionalities pp. 58 – 59*
- *OAJ Business Models – 60 – 69*
- *Software Installation, management and services pp. 69 – 74*
- *Setting up an individual journal title pp. 74 - 84*

Activity: *Review final unit questions – check progress*

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