

Development of an African Marine Science Repository for Electronic Publication (OdinPubAfrica): Experience of the Institute of Marine Sciences, University of Dar es Salaam, Tanzania

Theme: Building Communities with Dspace

by

Edna Asheri Nyika

Information Manager

Institute of Marine Science,

University of Dar es Salaam, Zanzibar, Tanzania



Background on Information Collection, Management and Dissemination in Africa

Institutional Libraries

- Journals have become expensive and inaccessible to the scientist
- Subscriptions increase at rate of 11-16% every year, beyond the reach of many institutions in Africa
- Continued limited access to the world's published knowledge resulting in:
 - Duplication of efforts
 - Limits in innovation
 - Diminished return on investment
- Most institutions have small, older and incomplete collections

What is Needed?

- Scientists must have access to scientific information
- The most up-to-date knowledge is found in scholarly journals
- Institutions must have a critical mass of journals
- The journals **MUST** be affordable
- E-repositories must be developed

What is Needed?

- Archiving of grey literature available within the institutions
- Encourage authors to deposit pre published and post published articles in the institutional and personal repositories
- Establish regional repositories such as the OdinPubAfrica launched 2003
<http://iodeweb1.vliz.be/odin>



ODINPubAFRICA

Scientific publications of ODINAFRICA

Partners

Algeria, Angola, Benin, Cameroon,
Comoros, Congo, Cote d'Ivoire,
Egypt, Gabon, Ghana, Guinea, Kenya,
Madagascar, Mauritania,
Mauritius, Morocco, Mozambique, Namibia,
Nigeria, Senegal,
Seychelles, South Africa, United Republic
of Tanzania, Togo, and Tunisia



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OdinPubAfrica Goals

- Improve access to high-quality, relevant literature in marine sciences
- Increase the quality and effectiveness of marine sciences research and training
- Enhance Availability of research findings specifically grey literature to all stakeholders in developing countries

Content of the OdinPubAfrica Repository

- Article (pre and post published)
- Scientific reports
- Theses
- Technical progress notes
- Conference papers

IMS Experience

- Phase I: Training and Identification of communities
 - One person trained to man the e-repository
 - Five communities are included in the repository- Journal articles, Technical reports, IMS reports, Thesis, Conference papers...
- Phase II: Working modalities
 - Action Plan
 - Copyright Issues

DEPOSIT AGREEMENT



INSTITUTE OF MARINE SCIENCES LIBRARY E-REPOSITORY DEPOSIT FORM

☐ REPORT ☐ THESES ☐ ARTICLES ☐ OTHERS
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TITLE: _____

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I hereby grant to ODINAFRICA (through the **IMS LIBRARY**) the irrevocable, non-exclusive royalty free right to reproduce, distribute, display and perform this work in any format including electronic formats throughout the world for educational, research and scientific non-profit uses.
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IMS Experience cont...

- Phase III: Mobilization and Sensitization of authors
 - Seminars
 - Brochures and leaflets...
- Phase IV: Uploading of documents
- Advocacy

Roles Played by Information Manager, Authors and IMS Management

- Information Manager:
 - ✓ Sensitize students and staff members to deposit materials to the repository (**advocacy**);
 - ✓ Advise members of staff about copyright and journal embargo policies for materials which they would like to deposit in the IMS e-repository and to make sure that copyright issues are in place;
 - ✓ Depositing material directly on behalf of staff members;

Roles Played by Information Manager cont.....

- ✓Collecting materials on behalf of the staff members and converting them to a suitable format such as PDF for import into the repository;
- ✓To develop guidelines for self-archiving in repository;
- ✓Collecting materials for e-repository from authors working with stakeholder institutions

Authors Role

- ✓ archive full text articles pre-published and post-published

IMS Management Role

Give support to the repository project by:

- ✓ Assist in advocacy of the e-repository within and outside the Institute;
- ✓ Implementing an institute policy for E-repository;
- ✓ Asking the scientists to sign the General Deposit Agreement form.

Achievements...

- Wide dissemination of IMS research finding
- Scientists get to know who is doing what
- Increase in citation index
- Enhanced access to journal articles published by other scientists in the region
- Increased research cooperation among scientists in the region

Problems Encountered

- Lack of willingness to archive unpublished articles
- Slowness of the Internet connectivity

IMS Plans and Expectations

- Improve Internet connectivity by installing a satellite dish
- Increase efforts on advocacy
- Include an Intellectual Property Right in the agreement signed by authors so that they are aware of their rights
- Persuade authors to consider more carefully the copyright agreements they sign and in addition to let them talk to their publishers about retaining rights.

IMS Plans and Expectations cont..

- Work with authors and encourage them to keep their own copy of the final version of their articles

Summary

As an essential tool for research and development, the African Marine Science Repository including IMS repository in particular will enhance research in the field of marine sciences in Tanzania and Africa as whole by:

- Minimize duplication of research activities,save research funds;
- Increase hit counts on papers - personalised publications lists - citation analyses
- Contribute to national and global initiatives which will ensure an international audience for Institution's latest research.
- Make institutional research more visible
- Raise the profile of the Institution
- Identify Institutions value to funding sources

Thank you.

Any Questions?