

Aquatic Commons Board Annual Report

Highlights for the period from September 2015 through September 2016 include the following:

- The majority of members were available for an Informal meeting during the Rome conference. Discussions centered around ideas for using donor funds. Both the LibraryBox project and scholarships for exceptional activity relating to the Aquatic Commons were endorsed. The LibraryBox project will be presented as a separate paper during the conference. Creating a scholarship has been slow to develop as criteria for awarding require more careful consideration.
- A highly successful work party and training session was held at the end of the Rome conference. The primary objective was to assist the ASFA Trust Fund project by depositing previously scanned documents. There was sufficient interest for two rooms and trainers. Both Pauline Simpson and Jean Collins lent their expertise to this productive exercise with Alan Alwardt maintaining editorial duties from afar.
- Partly as a result of the work party, the Editorial Review Board was successful in recruiting Daryl Superio from the Southeast Asian Fisheries Development Center (SEAFDEC) to help cover the increase in content from Asia. Recruitment of new depositors from institutions in the Philippines and a link with depositors among the ASFA input centers are the direct result of Daryl's work.

Editorial Review Board

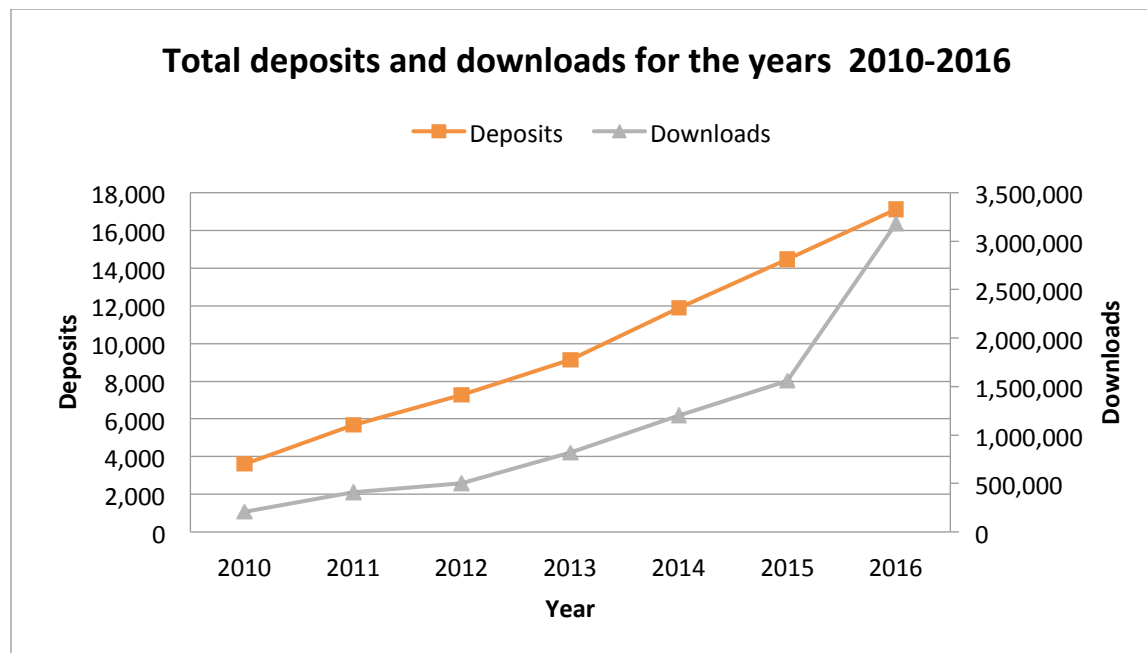
The four volunteer editors have allocated regional responsibilities, but share support if there is a regional deposit overload. Records are submitted intermittently, which also keeps the workload manageable. All editors work according to an agreed upon 'Guidelines for AC Editors' to ensure records are reviewed to the same standards.

Three new documents to assist depositors have been added to the IAMS LIC Aquatic Commons page <http://www.iamslic.org/publications/aquatic-commons>:

- Aquatic Commons Search Guide 2016
- ASFA to AC Conversion Installation Manual 2016
- Digitization of Documents for Deposit into Repositories 2016

Repository Growth and Usage

Aquatic Commons continues to grow with respect to content and usage. As of October 2, 2016 there were over 17,000 documents in the repository with more than 3 million downloads. Please note: total downloads in 2016 was influenced by a 10-fold increase in downloads in China.



Deposits originate from 79 issuing agencies. This year there were four new agencies:

- Bay of Bengal Large Marine Ecosystem Project (BOBLME)
- Institute of Oceanography, Nha Trang, Viet Nam
- Islamic Azad University, Science and Research Branch, Tehran
- Tetra Tech, Inc., United States

These agencies made substantive growth in deposits:

- Bangladesh Fisheries Research Institute
- Indian Fisheries Association
- Instituto Nacional de Investigación y Desarrollo Pesquero (INIDEP), Mar del Plata, Argentina
- International Collective in Support of Fishworkers
- National Fisheries Resources Research Institute, Uganda
- Society of Fisheries Technologists, India
- Southeast Asian Fisheries Development Center, Aquaculture Department
- University of Karachi. Marine Reference Collection and Resource Centre

Additional metrics are provided in Annex 1.

IT Hosting and Support

This section from the IOC/International Oceanographic Data and Information Exchange (IODE) was submitted by Linda Pikula, IODE representative to the Aquatic Commons Board as Adi Kakodkar IODE Aquatic Commons IT Support is on paternity leave.

From September 2015 to present, a total of 13 issues/bug reports were resolved. These included issues with document and metadata indexer, editor alert emails, adding new issuing agencies to the autocomplete list and adding a Persian/Farsi option to the AC Language field. EPrints v3 remains at version 3.3.14. Work related to regular maintenance of the repository host server including patching of the server with security updates, blocking suspicious network traffic and adjusting of server parameters for better performance has been carried out. The server is also monitored 24x7 with IODE's server monitoring system. IODE undertakes to provide up to 19 days per year for Aquatic Commons Technical Support.

A summary of the monetary value of the in-kind (staff cost) contribution provided by IODE to IAMSLIC Aquatic Commons since 2010 is given:

- 2010-2012: migration cost + support and customization: \$ 33,600
- 2012-2013: support and maintenance: \$9,400
- 2014-2015: support and maintenance: \$9,400
- 2015-2016: support and maintenance: \$9,400

In this calculation cost of hardware and associated expenses is NOT included.

This service is provided free of charge by IODE.

Respectfully submitted

Joan Parker, Chair

on behalf of the Aquatic Commons Board:

IAMSLIC Junior Vice-President: David Baca

IAMSLIC Members at Large: Stephen Alayon, Ingrid Čatić, Maureen Nolan, Sally Taylor

ASF/FAO Liaison: Helen Wibley

IODE Representative: Linda Pikula

IODE Technical Representative: Aditya Naik Kakodkar

and the Editorial Review Board:

Alan Allwardt

Jean Collins

Pauline Simpson

Daryl Superio

Annex 1: Statistics 2016

Data collected and prepared by Sally Taylor on October 2, 2016

Table 1. Total deposits, downloads and issuing agencies.¹ The number of issuing agencies decreased in 2015 because the editorial team cleaned up metadata. ² Total downloads in 2016 was influenced by a 10-fold increase in downloads in China from the previous year (95,000 in 2015 to 1.1 million in 2016).

Year	Total Deposits	Total Downloads	Issuing Agencies
2010	3,600	208,336	75
2011	5,658	411,204	83
2012	7,274	504,617	93
2013	9,142	817,330	95
2014	11,887	1,203,940	98
2015	14,470	1,556,128	75 ¹
2016	17,108	3,184,292 ²	79

Table 2. Webometrics ranking of Aquatic Commons, from <http://repositories.webometrics.info/>

Year	World Ranking	Size	Visibility	Rich Files	Scholar
2013	372	810	361	250	584
2014	254	759	371	249	232
2015	285	821	416	274	242
2016	275	893	343	500	212

Table 3. Top 10 downloaded articles between January 1 and October 2, 2016.

Publication	Downloads
Light, S.F. (1941) Laboratory and field text in invertebrate zoology. Berkeley, CA, Associated Students Store, University of California, 232pp.	3,882
Support to Regional Aquatic Resources Management (STREAM) (2005) Pond construction: design and layout of ponds. Thailand, Bangkok, Support to Regional Aquatic Resources Management (STREAM), (STREAM Better-Practice Guidelines, 3)	3,209
Kawarazuka, N. (2010) The contribution of fish intake, aquaculture, and small-scale fisheries to improving nutrition security: a literature review. Penang, Malaysia, The WorldFish Center, 44pp. (Working Paper, 2106)	1,866
Comité Oceanográfico Nacional Cuba (2009) <i>ColacMarCuba XIII Congreso Latinoamericano de Ciencias del Mar COLACMAR. VIII Congreso de Ciencias del Mar MarCuba. 4to. Taller Internacional PESCA'2009</i> . La Habana, Cuba, Comité Oceanográfico Nacional, 2443pp. ISBN	1,805

978-959-300-005-5	
Special Collections & Area Studies, George A. Smathers Libraries. (1914) U.S.S. Ohio, Panama Canal (ca. 1914). [Image]	1,786
Hipolito, Zarina and Vera, Cesar Allan (2006) The Philippines tuna industry: a profile. Chennai, India, International Collective in Support of Fishworkers, (SAMUDRA Monograph)	1,784
Rivera, R. and Turcotte, D. and Boyd-Hagart, A. and Pangilinan, J. and Santos, R. (2002) Aquatic resources in the Philippines and the extent of poverty in the sector. Bangkok, Thailand, Support to Regional Aquatic Resources Management (STREAM),	1,759
Oyatoye, E.T.O. (1983) Developing a viable fish farming industry in Nigeria -- an alternative strategy to the strategy in the Green Revolution Programme. In: 2nd Annual Conference of the Fisheries Society of Nigeria (FISON) , 25-27 January, 1982 , Calabar, Nigeria.	1,751
Support to Regional Aquatic Resources Management (STREAM) (2005) What is fish culture? Bangkok, Thailand, Support to Regional Aquatic Resources Management (STREAM), (STREAM Better-Practice Guidelines, 1)	1,748
Morris, Jr., James A. and Whitfield, Paula E. (2009) Biology, ecology, control and management of the invasive Indo-Pacific lionfish: An updated integrated assessment. Beaufort, NC, NOAA/National Ocean Service/Center for Coastal Fisheries and Habitat Research, (NOAA Technical Memorandum NOS-NCCOS, 99)	1,686

Table 4. Top 10 countries by total downloads with corresponding number of deposits. Note: Downloads in China increased from 95,000 in 2015 to 1.1 million in 2016.

Country	Downloads	Deposits
China	1,142,613	
United States of America	439,463	5,671
Germany	145,001	2,446
France	144,437	
India	95,482	1,160
United Kingdom and Northern Ireland	73,860	1,139
Nigeria	69,690	467
Singapore	53,951	
Philippines	50,918	502
Japan	45,687	

Figure 1. Total deposits by continent as of October 2, 2016

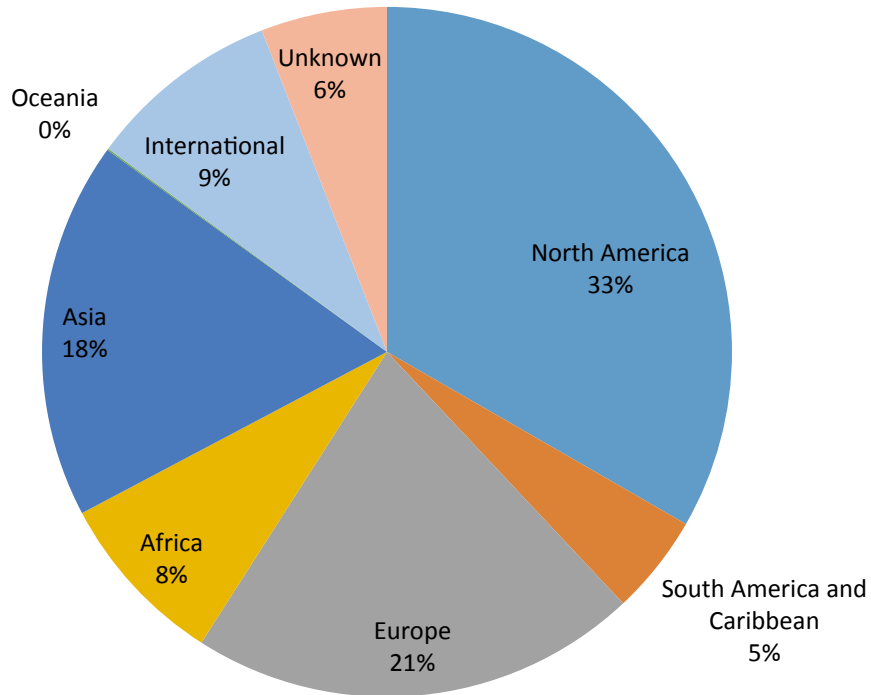


Figure 2. Total downloads by continent as of October 2, 2016

