

The Aquatic Commons Initiative : technology and beyond,

*presented by Stephanie C. Haas,
Digital Library Center, University of Florida*

On behalf of the Aquatic Commons Board:

**Jean Collins (FAO representative)
Fred Merceur (IFREMER)
Peter Pissierssens (IOC representative)
Lisa Raymond (MBL/WHOI)
Helen Wibley (ASFA Secretariat)
Pauline Simpson (NOC, Southampton)
Joan Parker (IAMS LIC President, ex officio)**

Aquatic Commons Initiative

is a model for digital resource sharing between stakeholders in the marine/aquatic information world. Its integrative architecture accommodates researchers and research institutions at all technological levels.

As originally proposed in 2005, the model included:

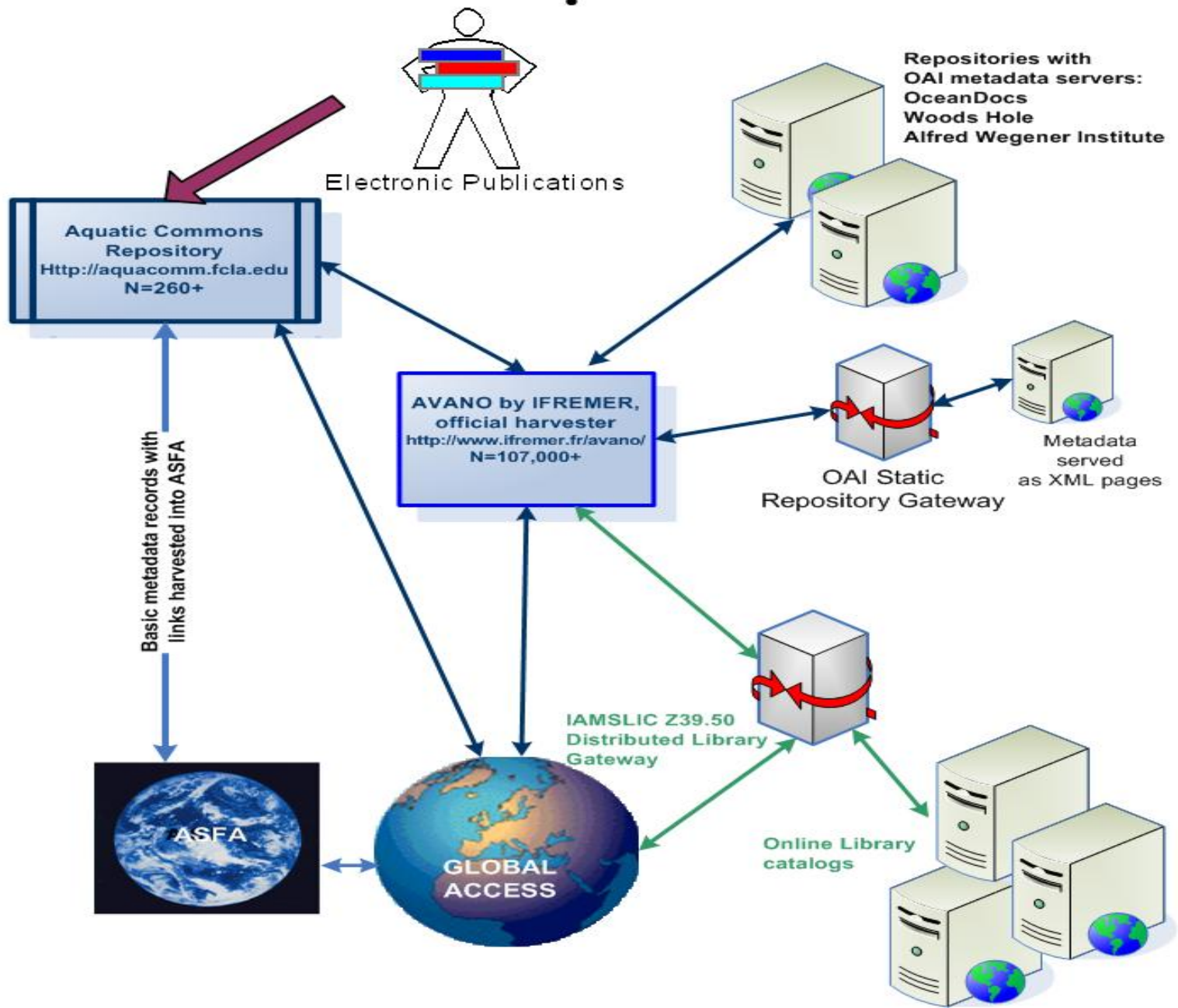
repositories,

harvesting functions,

searchable database creation, and

integration with IAMSLIC's Z39.50 distributed library and the ASFA database.

Aquatic Commons Initiative 2007: a networked reservoir to digital documents



History of the Aquatic Commons Initiative

2005

The Aquatic Commons Initiative was introduced to the ASFA Board and IAMSLIC at the Rome meeting.

2006

The Aquatic Commons Implementation Task Force was charge with implementing the "Aquatic Commons." Task Force's report was submitted in August 2006. Discussion and voting occurred at the annual meeting in Portland.

IAMSLIC signed the contract for the development of an EPrints based repository with the Florida Center for Library Automation.

Fred Merceur of IFREMER announced the development of the AVANO harvester.

An Aquatic Commons Board appointed to oversee the development of the repository.

2007

Aquatic Commons repository is built on version 3 of EPrints. Goes live in August!

With special recognition and thanks to the Florida Center for Library Automation (FCLA) Project Manager Chuck Thomas and Programmer Liang Zhong and to Leslie Carr, Senior Lecturer in the School of Electronics and Computer Science at the University of Southampton and Technical Director of the EPrints repository software, and Chris Gutteridge, maintainer of GNU EPrints: Open Archive Software.

AVANO out of IFREMER is designated as the official harvester for IAMSLIC.

**Formal policies and procedures were created by the AC Board.
Available off the AC webpage at
<http://www.iamslc.org/index.php?section=175>**



<http://aquacomm.fcla.edu>

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Welcome to Aquatic Commons



The Aquatic Commons digital repository is an online, growing collection of published and unpublished research, organizational publications, and other scholarly materials contributed by marine/aquatic researchers, librarians, and their institutions. It is funded and directed by the International Association of Aquatic and Marine Science Libraries and Information Centers.

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Artisanal fisheries in Brazil

Diegues, Antonio Carlos (2006) *Artisanal fisheries in Brazil*. ICSF , Chennai, India.



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484Kb

Official URL: http://www.icsf.net/icsf2006/uploads/publications/monograph/pdf/english/issue_40/ALL.pdf

Abstract

This study deals with the challenges facing the development of artisanal fisheries in Brazil. The problems affecting production in the sector are worsening, due as much to objective factors like environmental degradation and the destruction of natural resources as to the ineffectiveness of government strategy. The result is a lack of sustained development of the sector and a stagnation in the living conditions of the fishworker communities. Besides attempting an analysis of the situation of artisanal fisheries in Brazil, this study puts forth some alternative strategies for the development of the sector. It will be found useful by NGOs, regional and national organizations of artisanal fishworkers, and anyone interested in fisheries and fishing communities.

Item Type:	Monograph or Serial issue	
Title:	Artisanal fisheries in Brazil	
Personal Creator/Author:	Creators	Email
	Diegues, Antonio Carlos	
Series Name:	Monograph	
Date:	June 2006	
Institution:	International Collective in Support of Fishworkers	
Uncontrolled Keywords:	Brazil	
Subjects:	Fisheries	
ID Code:	252	
Deposited By:	ICSF International Collective in Support of Fishworkers	

Repository purpose and scope

- ❖ Facilitate exchange of scientific research related to marine/aquatic environments.
- ❖ Build content based on born digital and legacy documents produced by IAMSLIC member organizations and their partners.
- ❖ Offer repository services where local, stable IT support is lacking (or where non-OAI compliant services exist).
- ❖ Long-term goal is to assist in providing access to legacy collections.
- ❖ The Aquatic Commons repository contains content beyond the scope of the Open Access initiative, but supports it by offering a discipline defined repository where a researcher may make his/her paper openly available.

Scoping statement

thanks to Pauline and Helen

- The Aquatic Commons is a thematic digital repository containing literature dealing with **natural waters: marine, estuarine /brackish and fresh water environments** - the science, technology and management of these environments, organisms and resources, including economic, sociological and legal aspects.
- It is a growing collection of published and unpublished research, organizational publications, and other scholarly materials contributed by researchers, librarians, and their institutions,
- It is funded and directed by the International Association of Aquatic and Marine Science Libraries and Information Centers to provide visibility, usage and impact through global access to digital publications from worldwide marine and freshwater organizations who do not have access to an institutional repository of their own.
- *Click **Policies** for further information*

Beyond the Technology...

Aquatic Commons supports the Open Access Initiative

OPEN ACCESS*

- ❖ Open Access consists of " immediate (on acceptance for publication) free (as in beer) online access to the full final (amended following review) text of scholarly/scientific journal articles." *It presents the intellectual contributions of authors who do not expect to be paid.*
- ❖ Route to Open Access (Everest from the easy side)

Green OA Research funders and employing institutions require their researchers to place a copy of either their final submitted version of a paper, or a copy of the publisher's PDF, in an online repository together with the appropriate meta-data (author names, title, abstract, publication details) in either a central or institutional repository.

* **A Adams, "Copyright and research: an archivangelist's perspective", (2007) 4:3 SCRIPT-ed 285 @: <<http://www.law.ed.ac.uk/ahrc/script-ed/vol4-3/adams.asp>>**

Economic Benefits of Open Access

Houghton and Sheehan suggest substantial societal benefits that are financially measurable from enhanced access:

With Germany's GERD (gross expenditures on R &D) at USD 58.7 billion and assuming social returns to R & D of 50%, a 5% increase in access and efficiency would have been worth USD 3 billion.

John Houghton and Peter Sheehan. (2006) The Economic Impact of Enhanced Access to Research Findings." *CSES Working Paper no. 23* at <http://www.cfses.com/documents/wp23.pdf>

2007 Activities

The Aquatic Commons repository was presented by AC Board members at:

Open Repositories 2007, January 23-27, 2007 , San Antonio, TX, USA
3rd AFRIAMSLIC Conference, September 10-12, 2007 , Lilongwe, Malawi

And by IAMSLIC members at:

Sea Grant 2007: Uniting for Action, Annual Sea Grant Meeting, Saturday,
29 September 2007 - Wednesday, 3 October 2007

Publications on the project include:

Collins, Jean (2007) Information Sharing Via Aquatic Commons
FAN: FAO Aquaculture Newsletter, no. 37

_____. Sharing Knowledge in the Aquatic Commons. *The Lubin Files*,
August 27, 2007.

Webster, Janet and Jean Collins. "The Aquatic Commons: A New
Digital Repository for International Aquatic Information."
IFLA Express No. 7, Durban South Africa, 2007

Harvested by:

AVANO
OAlster

Listed with:

- ROAR (Registry of Open Access Repositories
<http://roar.eprints.org/>)
- GOOGLE
- SCIRUS <http://www.scirus.com/srsapp/advanced/index.jsp>
- OpenDOAR (Directory of Open Access
Repositories <http://www.opendoar.org/>)
- University of Illinois OAI-PMH Data Provider Registry
<http://gita.grainger.uiuc.edu/registry/details.asp?id=2218>

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[Aquatic Commons](#)

Organisation: [International Association of Aquatic and Marine Science Libraries and Information Centers \(IAMSLIC\)](#), United States

Description: The Aquatic Commons digital repository is an online, growing collection of published and unpublished research, organizational publications, and other scholarly materials contributed by marine/aquatic researchers, librarians, and their institutions.

OAI-PMH: <http://aquacommm.fcla.edu/cgi/oai2?verb=identify>

Software: EPrints

Size: 269 items (2007-09-25)

Subjects: Multidisciplinary

Content: Postprints; Conferences; Unpublished

Languages: English

Policies: Metadata re-use policy explicitly undefined; Full data item policies explicitly undefined; Content policies explicitly undefined; Submission policies explicitly undefined;

Email account

Aquatic Commons Board now has
a Google mail account:

AquaticCommons@gmail.com

Future enhancements

- Implementing version 4.0 when released late in 2007
- Multi-language interfaces
- Possible implementation of a tagging function using Connotea
- Exploration of species names using uBIO with AVANO
- Possible geospatial interface to repository using Google Map functionality
- Building partnerships and identifying important content



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Streaming ||||| 100%

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Vietnam

Network of Aquaculture Centres in Asia-Pacific (2005)
[Aquaculture Asia, vol. 10, no. 2, April - June 2005](#). Network of
Aquaculture Centres in Asia-Pacific , Bangkok.

Network of Aquaculture Centres in Asia-Pacific (2005)
[Aquaculture Asia, vol. 10, no. 3, July - September 2005](#).
Network of Aquaculture Centres in Asia-Pacific , Bangkok.

Network of Aquaculture Centres in Asia-Pacific (2004)
[Aquaculture Asia, vol. 9, no. 4, October - December 2004](#).
Network of Aquaculture Centres in Asia-Pacific , Bangkok.

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Aquaculture Asia, vol. 10, no. 2, April - June 2005

Network of Aquaculture Centres in Asia-Pacific (2005) *Aquaculture Asia*, vol. 10, no. 2, April - June 2005. Network of Aquaculture Centres in Asia-Pacific, Bangkok.



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1803Kb

Official URL: <http://library.enaca.org/AquacultureAsia/Articles/April-June-2005/April-June-05.pdf>

Abstract

CONTENTS: Rural aquaculture in Myanmar, by Peter Edwards. Bundh breeding of carps: A simple innovative technique from district Bankura, West Bengal (India), by B. Mondal, P.K. Mukhopadhyay, and S.C. Rath. African catfish: A potential candidate species for urban/periurban aquaculture in India, by Santhosh Karanth and S. Selvaraj. Responsible introduction of alien fish and biodiversity in southern Nepal, by Tek Bahadur Gurung. Collection and utilization of important data in shrimp farming, by Pornlerd Chanratchakool. Use of epidemiological methods to limit the impact of white spot disease in *Penaeus monodon* farms of Vietnam and India, by F. Corsin¹, J.F. Turnbull, C.V. Mohan¹, N.V. Hao, K.L. Morgan. Aquaculture: The way forward for shrimp health and quality management at village level, by Arun Padiyar. You need a story [The STREAM column] Indigenous fishing techniques practised by the tribes of Arunachal Pradesh (north east India), by Pallabi Kalita¹, Hui Tag, P.K. Mukhopadhyay, A.K Das and A.K. Mukherjee. Mass seed production of sand sea bass (*Psammoperca welgenensis*) at the Regional Center for Mariculture Development (RCMD) in Batam, Indonesia, by Syamsul Akbar, and Tinggal Hermawan dan Zakimin. Persian Gulf fish culture in Iran – pointers for success, by C. Regunathan and M.R. Kitto. Marine finfish health issues of relevance to Australia and the region, by Brian Jones. Diseases of cage-cultured marine fish in Korea, by Jeong-Ho Kim¹ and Myung-Joo Oh. Tilapias as alien aquatics in Asia and the Pacific: A review, by Sena De Silva, Rohana Subasinghe, Devin Bartley and Alan Lowther.

Item Type: Monograph or Serial issue

Title: Aquaculture Asia, vol. 10, no. 2, April - June 2005

Corporate Creator/Author: Network of Aquaculture Centres in Asia-Pacific

Series Name: Aquaculture Asia

Volume: 10

Number: 2



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