

**PANEL: ARE SOUTH AMERICAN LIBRARIES ACCESSING CORE MARINE  
SCIENCE JOURNALS FROM COMMERCIAL PUBLISHERS**

**Moderator: Guillermina Cosulich**

**MARINE AND FISHERIES SCIENCE CORE JOURNALS: ARGENTINA**

**Gabriela Silvoni**

INIDEP (National Institute for Fisheries Research and Development)  
C.C. 175, 7600 Mar del Plata  
Argentina  
[gsilvoni@inidep.edu.ar](mailto:gsilvoni@inidep.edu.ar)

**Abstract:** This paper was part of the Panel “Are South American Libraries accessing core marine science journals from commercial publishers?” It presents the case of Argentine libraries, particularly INIDEP, that have improved access to the marine & fisheries science core journals in the last 5 years. It shows the different possibilities from the National Consortia to a strong Publications Exchange Programme.

**Keywords:** digital libraries, consortia, electronic journals, collection development, documents, fishery sciences, marine sciences, South America.

INIDEP Library, at the Instituto Nacional de Investigación y Desarrollo Pesquero (Mar del Plata), is the most important Information Unit in marine & fisheries science in Argentina, not only because of its collections but more importantly because of its services. Even though there are many universities and research institutes on the long coast of Argentina, they are more interdisciplinary. Most of them do not have good collections or specialist librarians on aquatic subjects. INIDEP Library was the only one that had a few marine & fisheries journals subscriptions (around 18/25 core journals only) until 2001 when there was a big financial crisis in Argentina. However, there was and continues to be a constant exchange program of other core journals.

During 2003 the Science & Technology Secretary from the National Government (now: S&T Ministry- MINCYT) decided to create the “Electronic Library” (<http://www.biblioteca.mincyt.gov.ar>) with the main objective of providing online free access to important commercial journals for the Argentine public research sector (national universities, research institutes) based on the Brazilian model CAPES. The MINCYT Electronic Library provides access for 72.000 users (researchers & academics), distributed in 44 universities along the country and 15 national research institutes and organizations. It is organized as an advice council with 14 professionals (researchers, librarians, directors) as delegates from the scientific/academic sector. INIDEP Library is one of them with 2 Coordinators and a Technical/Executive Secretary. There are policies for including/excluding subscriptions and/or institutions. As a consortium this group subscribes to big packages from different publishers & databases, such as Springer, ScienceDirect, SCOPUS, EBSCO, etc. The subscriptions are not only

for the current year but also include at least 5 years back, depending on the publisher. The annual budgets have increased over the years, including new providers and more titles.

Year	2003	2004	2005	2006	2007	2008
US\$ Budget	2,131,711	3,657,450	3,873,155	5,731,989	7,890,087	11,510,218

*Table 1. 2009-2010 Subscriptions: American Chemical Society (ACS) - Annual Reviews - EBSCO Host (Academic Search Premier, SocINDEX full text, etc) - Engineering Village (COMPENDEX, REFEREX) - Institute of Physics (IOP) Electronic Journals - JSTOR "Art & Sciences I", "Art & Sciences II" y "Art & Sciences III" - MathSciNet (American Mathematical Society) - Wolters Kluwer/OVIDSP ("Journals@Ovid Full Text", CAB abstracts, Biological abstracts, Econlit, MEDLINE, etc) - Science Direct - Scopus - SpringerLink - Science (AAAS) - Scitation (American Institute of Physics (AIP)/American Physical Society (APS)) - WilsonWeb (Arts & Humanities) - Wiley-Blackwell.*

From 2004 until 2010, INIDEP has had access to the following core for its Research Programmes provided by the MINCyT Electronic Library (Table 2). Changes of publishers, bad contracts, etc., resulted in the lost of some titles within different periods of time.

Aquaculture	ICES Journal of Marine Science
Aquaculture International	Ichthyological Research
Aquatic Living Resources	Journal of Applied Ichthyology
Continental Shelf Research	Journal of Fish Biology
Crustaceana	Journal of Exp. Mar. Biol. and Ecology
Deep-Sea Research	Journal of Sea Research
Environmental Biology of Fishes	Marine Biology
Estuarine Coastal and Shelf Science	Marine Ecology
Fisheries Oceanography	Oecología
Fisheries Research	Reviews in Fish Biology and Fish.
Fisheries Science	

*Table 2. Core journals provided by MINCyT Electronic Library.*

In 2008 INIDEP subscribed to 6 titles because they were not included in the MINCyT Electronic Library and they are core for INIDEP. These are AFS Journals package; *Marine and Freshwater Research*; *Canadian Journal of Fish and Aquatic Sciences*; *Marine Resource Economics*; *ICES Journal of Marine Science*; and *New Zealand Journal of Marine & Freshwater Research*.

Other journals that are considered core for INIDEP are received by publications exchange programs or open access. These are *Atlántica* (Brazil); *Journal of Northwest Atlantic Fishery Science* (OA); *Bulletin of Marine Science*; *Journal of Plankton Research* (donated by an INIDEP researcher); *CCAMLR Science*; *Marine Biology Research*;

*Fishery Bulletin*; *Marine Ecology* (paper copy in exchange); *Frente Marítimo* (Uruguay); *Marine Ecology Progress Series* (OA 4 years embargo); *ICES Journal of Marine Science* (OA 1 year embargo); *Revista de Biología y Marina Oceanografía* (Chile); *Journal of Applied Ichthyology* (paper copy in exchange); *Scientia Marina* (España); and *Journal of the Marine Biological Association of the United Kingdom*.

Some core titles that INIDEP used to receive through exchange programs changed their policies when changing publishers, so they are now missing. This is the case for the following titles: *African Journal of Marine Science* - formerly *South African Journal of Marine Science* (Dep. of Environment Affairs and Tourism. Marine & Coastal Management South Africa- NISC)<sup>1</sup>; *Canadian Journal of Fisheries and Aquatic Sciences* (Dep. of Fisheries and Oceans Canada - NRC-CNRC); *Marine and Freshwater Research* (CSIRO Australia – CSIRO Publishing); *New Zealand Journal of Marine and Freshwater Research* (Department of Scientific and Industrial Research NZ – Taylor & Francis).

#### Conclusions

- In spite of some problems with the services and interface quality, missing backups, changes of publishers, and so on, the MINCyT Electronic Library is the only access to science journals in Argentina, including marine and fisheries science.
- Journals from associations or from small publishers are the most difficult to obtain, either via MINCyT or through the INIDEP budget). An example is the *Journal of Shellfish Research*.
- Open Access Journals: there are new policies from important publishers as Inter-Research, ICES, and there are repositories such as Scielo, DOAJ, OceanDocs & AquaticCommons.
- There continues to be a supply of documents through the very strong IAMSLIC Document Delivery Service via Z39.50.
- Argentina has improved access to the marine and fisheries science core journals in the last 5 years.
- INIDEP Library from 2000 until now maintains 10\*, added 10\*\* & lost 12\*\*\* titles.

\* *Aquaculture*; *Continental Shelf Research*; *Fisheries Research*; *ICES Journal of Marine Science*; *Journal of Fish Biology*; *Journal of Ichthyology*; *Journal of N. Atlantic Fish.Sc.* (OA); *Journal of Sea Research*; *Marine Biology*; *Reviews in Fish Biology and Fisheries*  
\*\* *Aquaculture International*; *Crustaceana*; *Deep Sea Research*; *Environmental Biology of Fishes*; *Estuarine Coastal and Shelf Science*; *Fisheries Oceanography*; *Fisheries Science*; *Ichthyological Research*; *Journal of Applied Ichthyology*; *Journal of Experimental Marine Biology & Ecology*; *Marine Resource Economics*; *Oecologia*.  
\*\*\* *AFS Journals package*; *Aquatic Living Resources*; *Canadian Journal of Fish. & Aquatic Science*; *Fishing News International*; *Ichthyological Research*; *Journal of Marine Research*; *Infofish International*; *Journal of Plankton Research*; *Journal of*

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<sup>1</sup> At the IAMSLIC Conference, NISC (through Margaret Crampton) promised to restore the Exchange Program

*Shellfish Research; Limnology and Oceanography; Marine and Freshwater Research; New Zealand J. Mar. & Freshwater Research.*

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