

Project Title : Selective Fisheries
Information Service Phase II:
Project ADD (Analysis and
Document Delivery)

Cooperating Institution : International Development
Research Centre (IDRC), Canada

Duration : 2 years beginning March 1988

Key Personnel ICLARM : Mrs. Rosalinda M. Temprosa
Ms. Georgina C. Luis
Mr. Marcos Jose M. Vega

Major Objective

To extend the capabilities of the existing ICLARM Information Program to users in tropical third-world countries.

Specific Objectives

- o To assist in an advisory capacity in strengthening the information capability of fisheries institutions in third-world countries.
- o To provide answers to specific questions to researchers working in subject areas in which ICLARM has special expertise -- finfish and mollusc aquaculture, integrated farming, small-scale fisheries and resource management.
- o To analyze 50 selected specific topics of the literature built up over the first three years of the SFIS.
- o To provide key literature to enquirers
- o To produce bibliographies and mini-reviews on important topics as identified by trends in enquiries.

Results

The recommencement of ICLARM's Selective Fisheries Information Service (SFIS II) was first announced in the April 1988 NAGA, the ICLARM Quarterly. Since then, SFIS II has been republicized through publications in national,

regional and international newsletters and personal contacts. In addition, a new and revised brochure was produced to facilitate publicity.

Project ADD: Analysis and Document Delivery have been added to SFIS II which is to analyze 50 selected specific topics of the literature built up over the first three years of the service and to provide key literature to SFIS enquirers.

A new policy was also established in SFIS II. IDRC has indicated that while it desires to support fisheries research and development work with timely and appropriate information, it is concerned that scientists and researchers in third-world countries should be made more conscious about the need to budget for access to information to support their work. Thus, a fee for services was required. Details are given below.

The average cost to the Service for materials and postage per enquiry is about US\$30, without accounting for time spent searching and preparing each report.

Some form of payment, cash or in kind, is requested from users to help the service become self-supporting eventually. Here is the scale of fees.

- o Requests from developed-country individual researchers and institutional enquirers, and consultants from all countries:

US\$20 plus cost of materials and postage.

- o Other enquirers;

US\$5 plus cost of materials and postage.

If the materials and postage cost more than \$30 we will advise you of the likely cost in advance. If less than \$30 an invoice will accompany the package.

o Or we can exchange information.

If you don't have a research grant or are in a country where foreign exchange is impossible, let us exchange information. Send your enquiry together with some information that will help the Service, e.g.,

- reprints of scientific articles
- research reports
- a brief essay on the information available in your institute or on your research and its relevance to national goals
- photographs or slides of your research or fishing activities.

We might publish your essay or photographs in a future issue of Naga.

This issue of charging for services is being studied. We are carefully monitoring the user's response so that by the end of the project we can make statements on what percentage of SFIS II can be recovered through the pricing of information. We also hope to be able to make recommendations to IDRC in this regard. Any income received from this two-year project will go into a revolving fund for financing the continuation of Project ADD or any other external information activities following the termination of IDRC assistance.

During the period May 1988 to January 1989, a total of 181 in-depth enquiries from 49 countries/territories were received as shown in Table 1. Queries from Nigeria were the most numerous (34) followed by India (22) then the Philippines (20) and USA (15). An average of 20 enquiries is received each month.

From the total number of enquiries received, 9.4% were "user pays" while 45% were still free and 21.5% availed the exchange procedure from which we received 30 reprints and 5 monographic/technical reports.

Moreover, the other requests (13.87%) which were outside ICLARM's areas of expertise were referred to other appropriate information centers such as BRAIS, NACA, FAO in Bangkok, INFOFISH and the Seaweed Information Center.

Fig.1 shows the geographical pattern of enquiries received. More than a third came from Asia, a quarter from Africa, a little less than a tenth from North America, Latin America, South Pacific, and other regions (Europe, Australia, Caribbean and Indian Ocean) combined.

A detailed record of each enquiry is continued as a means of identifying trends to define other subject matter for bibliographies and reviews. Table 2 shows that requests for information on various culture systems were most numerous (38). Fish biology (32), general fisheries (32) and crustaceans (25) were the next most numerous group. This pattern differs from the initial phase of the project where tilapia, integrated farming and socioeconomic aspects, respectively, in order of numbers of requests, were the most requested subjects of enquiry.

An analysis of occupation or position held of the enquirer was also made. Fig.2 shows (n = 97) that most of the requests were from Administrators (38.1%), followed by academic/library personnel (24.7%), researchers (14.4%), growers (10.3%), students (10.3%) and volunteers (US and VSO) 2.1%.

SFIS II is enhanced by the expertise of the Center's scientific staff, the full resources of the library and the use of computerized literature searching of bibliographic databases. Additional two staff were hired to fully meet the objectives of the service : Mr. Marcos Jose M. Vega, Project Information Officer prepares mini-reviews on important topics as identified by trends in enquiries and Miss Georgina Luis, Project Librarian, indexes journal articles for inclusion in NAGA's Information Department. Both of them also assist in the question-and-answer service of the project.

In addition to answering specific requests, two of the major activities of the project are also being continued. A current awareness service through NAGA's Information Department and the distribution of ICLARM Library's quarterly Acquisitions List to IDRC fisheries research grantees.

Assistance in information use and handling has been provided through attendance and participation in local and international conferences, workshops and meetings. Short-

term training in fisheries librarianship, online searching and non-technical library activities were also conducted to various groups and individuals both local and foreign.

Cooperative information activities have also been strengthened with other specialized information centers like the Brackishwater Aquaculture Information System of the SEAFDEC Aquaculture Department, Seaweed Information Center of the UP's Marine Science Institute and the Indonesian Fisheries Information System.

ICLARM's information capabilities have also been strengthened to carry out project activities through wide contacts to foreign marine science librarians via electronic mail.

Fourteen mini-reviews on various topic were prepared, four of which have been published in the NAGA. Prior to publication, each article is sent to two experts identified during the literature surveys.

The following publications have resulted from the project:

1. Publicity and Information

SFIS brochure, No.5 May 1988. Total 2,000 copies

Questionnaire card. Total 2,000 copies

ICLARM's Selective Fisheries Information Service 1988-1990.
NAGA, the ICLARM Quarterly 11(2): 16. 1988.

ICLARM's Selective Fisheries Information Service 1988-1990.
IAMSLIC Newsletter 29: 12. 1988.

ICLARM's Information Service Revitalized. Aginfo Link
2(3):2-3. 1988.

ICLARM's Selective Information Service. ASTINFO Newsletter 3(4): 9. 1988.

ICLARM's Selective Fisheries Information Service 1988-1990. BRAIS Newsletter 3(2):3. 1988.

ICLARM's Selective Fisheries Information Service Renewed for 1988-1990. IAALD Quarterly Bulletin 33(3):135. 1988.

ICLARM's Selective Fisheries Information Service. AFSIB Newsletter Oct. 1988 - Mar. 1989:23-24.

ICLARM's Selective Fisheries Information Service Phase 2. Ang Mamamalakaya UP KATIG'88. College of Fisheries, University of the Philippines, Diliman, Quezon City.

2. Mini-Reviews

Who's working on aquaculture in mangroves? Naga 11(3): 18. (M.J.M. Vega. 1988).

Who's working on tilapia and carp diseases? Naga 11(3):18-19. (M.J.M. Vega. 1988)

Who's working on fish aggregating devices? Naga 11(4):16. (M.J.M. Vega. 1988)

Who's working on reservoir fisheries in developing countries? Naga 11(4):17. (M.J.M. Vega. 1988)

3. Translations (Unpublished)

Hiranwat, S., Y. Leenanond and C. Wongsongsarn. 1982. Pen culture in reservoir by using water hyacinth as supplementary feed. NIFI Technical Paper No. 12. 22p. Translated from Thai by Thiraphan Bhukaswan.

Tanomkiat, T. and T. Pimoljinda. 1986. Experiments on nursing brown spotted grouper (Epinephelus tauvina Forskal) with artificial diets in various protein levels and minced fish. Thai Fish. Gaz. 39(6): 603-614. Translated from Thai by Thiraphan Bhukaswan.

Conference, Workshop Attended

Seminar-Workshop on Classification and Cataloging of Books, Serials and Non-Book Materials, Manila, 25-27 May 1988 (G.C. Luis)

14th Annual Conference of the International Association of Marine Science Libraries and Information Centers

(IAMSLIC), Miami, Florida, USA, 2-7 October 1988 (J.L. Maclean and R.M. Temprosa)

Training Conducted

Lecture-Demonstration on Fisheries Information System and Management for the Participants (6) of the AIBA/SEARCA Training Course on Agricultural Information Management on 22 April 1988

Lecture-Demonstration of Computerized Library Operation and Database Management Information System for the Participants (15) of the 7th Summer Institute on Information Science, Institute of Library Science, University of the Philippines, Diliman, Quezon City on 6 May 1988

Lecture-Demonstration of ICLARM's Information System and Management for the Participants (33) of the Summer Institute on Managing and Servicing Information, Institute of Library Science, University of the Philippines, Diliman, Quezon City on 20 May 1988

Technical Assistance to UN-ESCAP Regional Network for Agricultural Machinery (UP at Los Banos) in the initial development of their database on agricultural machinery, 29 May 1988

Lecture on ICLARM's Information Sources and Services for Prawn Farming Development Group (7 Chinese; 1 British) as part of their Technical Study Tour to Philippines, sponsored by EEC Assistance Programme for Dalian, China on 6 June 1988

Introduction to Online Searching via DIALOG for a Professor of Library Science, Manila on 6 June 1988

Fisheries Information System and Management for Senior Indonesian Fishery Officer on 5 July to 31 August 1988

Introduction to Electronic Mail System for the Foreign and Local Participants of the Small Industry Information Management (SINFOMAN) Course, UP, Institute for Small-Scale Industries, Diliman, Quezon City on 19 October 1988.

Training on the Design of Computerized Bibliographic Database for a Filipino Fisheries Librarian, ICLARM, Manila on November 7-18, 1988

Online Searching via DIALOG for the Computer Staff of
Technology and Livelihood Information Dissemination
Department, TLRC, Manila on November 21-25, 1988

On-the-Job Training Apprentices for Three Graduating
Students (Associate in Computer Science) from
Pamantasan ng Lungsod ng Maynila for a total of 120
hours each starting 12 December 1988

COUNTRY	NUMBER
NIGERIA	34
INDIA	22
PHILIPPINES	20
USA	15
INDONESIA	6
MALAYSIA	6
SRI LANKA	6
FIJI	5
BANGLADESH	4
MAURITIUS	4
SOLOMON IS.	4
THAILAND	3
UNITED KINGDOM	3
ZIMBABWE	3
AUSTRALIA	2
BOLIVIA	2
BRAZIL	2
COSTA RICA	2
EGYPT	2
FED. REP. OF GERMANY	2
FRANCE	2
GHANA	2
MICRONESIA	2
PERU	2
SWEDEN	2
ARGENTINA	1
BRUNEI	1
CANADA	1
CHILE	1
COLUMBIA	1
COOK IS.	1
CUBA	1
ETHIOPIA	1
GUATEMALA	1
HONDURAS	1
KENYA	1
MARIANAS IS.	1
MEXICO	1
MOZAMBIQUE	1
PAKISTAN	1
PAPUA NEW GUINEA	1
SAUDI ARABIA	1
SOUTH AFRICA	1
ST. LUCIA	1
SULTANATE OF OMAN	1
SURINAME	1
TANZANIA	1
TONGA	1
TRINIDAD	1
TOTAL	181

Table 1. No. of requests received per country
(May 1988 to January 1989)

TOPIC	No. of enquiries
CULTURE SYSTEMS	38
FISH BIOLOGY	32
GENERAL FISHERIES	32
CRUSTACEANS	25
TILAPIA	13
MOLLUSCS	13
SOCIOECONOMICS	11
CARPS	11
RESOURCE MANAGEMENT	11
INTEGRATED FARMING	8
ECOLOGY	7
NON-FISH CULTURE	6
SEaweEDS	4
FISH/SHELLFISH NUTRITION	4
PROCESSING	3
OTHERS	18

Table 2. SFIS enquiries by major subject
(May 1988 to January 1989)

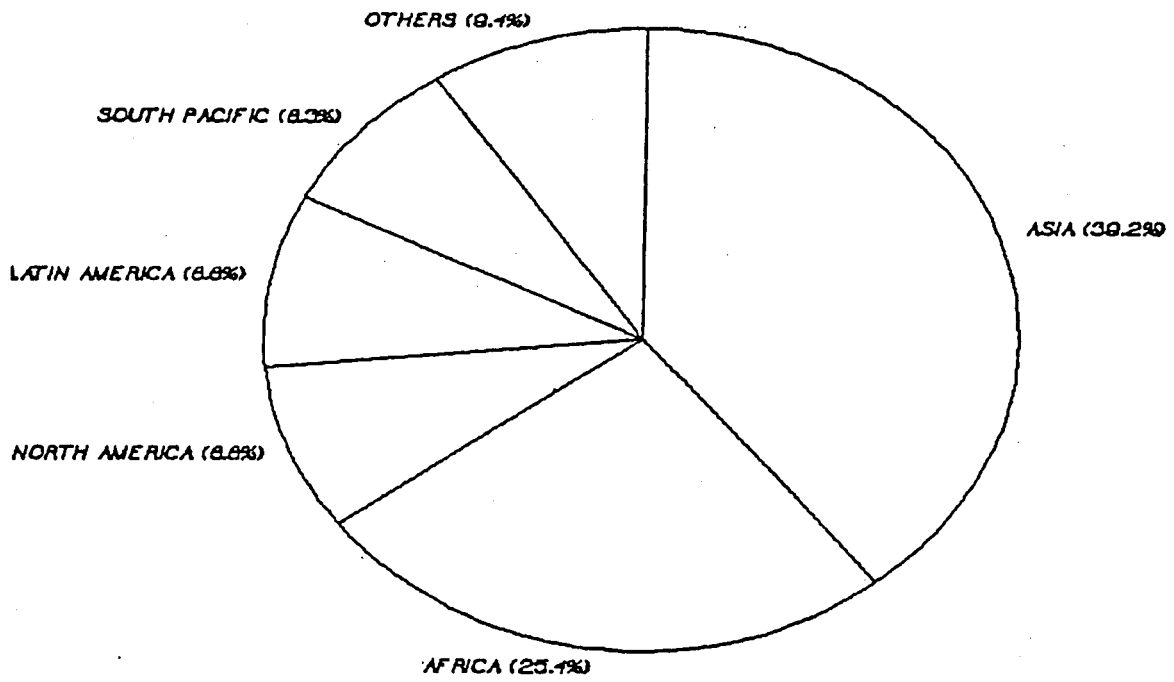


Fig. 1. Geographical spread of SFIS enquiries
(May 1988 - January 1989)

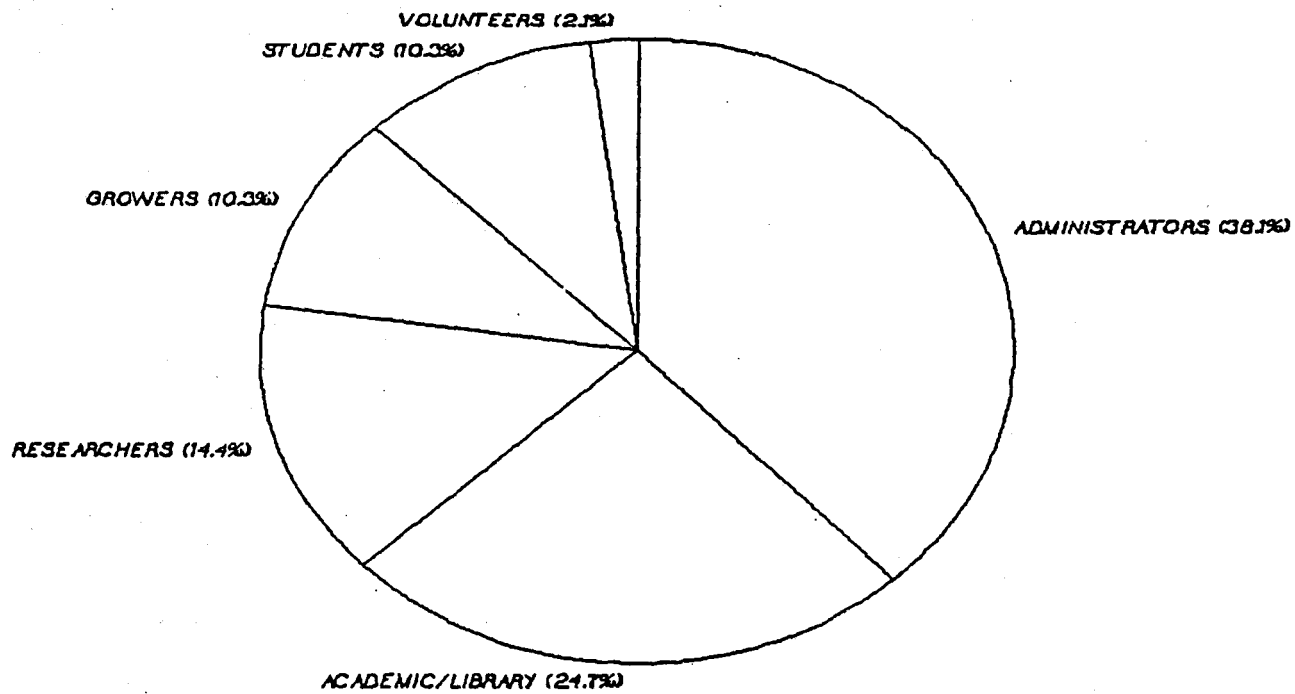


Fig. 2. Occupation or position of enquirers
(May 1988 - January 1989)
(N=97)