

Seventh Report to the ASFA Board Meeting (2005) on the Project to Distribute ASFA on CD-ROM to LIFDCs in Africa and via Internet to LIFDCs Worldwide**Overview**

For LIFDC countries in Africa the number of institutions able to access ASFA is 38. This is an increase of 2 compared with the previous report. However, 5 institutions have now become ASFA partners, making the number remaining in the project 34 (Nigeria, although a partner, continues to receive ABAFR).

For the rest of the world initiative, including both those receiving ASFA on CD-ROM and those receiving it via Internet, the total number of recipients in LIFDC countries other than Africa remains 13, with one new institution added and one (Indonesia) becoming an ASFA partner.

At present 7 institutions, from Ecuador, Indonesia, Morocco, Mauritania, Nigeria, Senegal and Tanzania have become partners. As stated in the previous report, this is probably the best measure of the success of the project.

Introduction

The FAO/ASFA project to distribute ASFA on CD-ROM or via Internet to low-income food-deficit countries, initially in Africa, then extended worldwide has been described in previous reports to the ASFA Board. The following report updates the status of the project in 2004-2005.

As anticipated, after the publication of the September 2004 update Ovid Technologies stopped supplying the Silverplatter version of ASFA to the project. This update was only received in February 2005 and was immediately distributed to the recipients of this version. NISC continued to produce ABAFR, containing Part A of ASFA, and to distribute the updates directly to the ABAFR recipients.

Cambridge Scientific Abstracts took over the production of a new CD-ROM version of ASFA in 2004. The project was supplied with the archive CD and the March 2005 update in July 2005. This was immediately dispatched to all those who had previously received the Silverplatter version.

1) Africa initiative

The following is a list of all institutions which currently receive CD-ROMs, either the NISC version or the Silverplatter version. Institutions that did not reply to repeated requests for information, and therefore did not receive ASFA in 2003, are not listed and information concerning those institutions has been removed from the table in Appendix 1.

- 1) Instituto Nacional de Investigacao, Angola (rejoined in 2004)
- 2) Direction des Peches, Benin
- 3) BIDOCS-FSA, Université d'Abomey-Calavi, Benin
- 4) SADC Secretariat, Botswana (new in 2005)
- 5) Institut de l'Environnement et de Recherches Agricoles, Burkina Faso
- 6) Bibliotheque Centrale de L'Universite du Burundi, Burundi
- 7) Station de Recherche Halieutique et Oceanographique a Limbe, Cameroon

- 8) Direction Générale de la Pêche/Institut de Recherche pour le Développement, Congo
- 9) Centre Nationale de Recherche Agronomique, Station Pisciculture, Cote d'Ivoire
- 10) Direction de la Pêche, Ministère de l'Agriculture, de l'Élevage et de la Mer, Djibouti
- 11) Marine Biology and Fisheries Institute, Eritrea
- 12) Ministère de l'économie forestière, des eaux, de la pêche, chargé de l'Environnement et de la Protection de la Nature, Gabon.
- 13) Fisheries Department, Ministry of Natural Resources, Gambia
- 14) Water Research Institute, Council for Scientific and Industrial Research, Ghana
- 15) Marine Fisheries Research Division, Ghana
- 16) University of Ghana, Legon
- 17) Centre National des Sciences Halieutiques de Boussoura, Guinea
- 18) National Museums of Kenya
- 19) Bureau of National Fisheries, Liberia
- 20) Malawi Aquaculture Centre, Domasi, Malawi
- 21) Bunda College of Agriculture, Malawi
- 22) Centre National de la Recherche en Oceanographie et Peche, Mauritania (now an ASFA partner)
- 23) Institut National de Recherche Halieutiques, Morocco (now an ASFA partner)
- 24) Centre Regionaux de l'Institut National de Recherche Halieutique du Sud du Royaume du Maroc, Morocco
- 25) Instituto Nacional Desenvolvimento da Pesca de Pequena Escala, Mozambique
- 26) Ministério das Pescas, Mozambique
- 27) Nigerian Institute for Oceanography and Marine Research, Nigeria
- 28) National Institute for Freshwater Fisheries Research, Nigeria (now an ASFA partner, but at present continues to receive ABAFR)
- 29) University of Calabar, Nigeria
- 30) Centre de Recherches Oceanographiques de Dakar-Thiaroye, Senegal
- 31) Direction de l'Océanographie et des Pêches Maritimes, Senegal (now an ASFA partner)
- 32) Tanzania Fisheries Research Institute, Tanzania
- 33) Institute of Marine Sciences, University of Dar-es-Salaam, Zanzibar (now an ASFA partner)
- 34) Commission Economique du Betail, de la Viande et des Ressources Halieutique en Zone Cemac, Tchad
- 35) Fisheries Research Institute, Uganda
- 36) Lake Victoria Fisheries Research Organisation, Uganda
- 37) Central Fisheries Research Institute, Zambia
- 38) Lake Kariba Fisheries Research Institute, Zimbabwe
- 39) University of Zimbabwe Library, Zimbabwe (recontacted in 2005)

This is an overall loss of 2 institutions compared with the previous report; 2 new ones were added but 5 became ASFA partners. The University of Zimbabwe is still not finalised.

Three institutes contacted last year in Sierra Leone, Togo and Guinea Bissau did not respond to the offer of ASFA either on CD-ROM or via Internet. Reasons for non response or reluctance to take up the offer are discussed later in the report.

Due to the uncertainty created by the change in supplier and the software used for installing and searching the database, no other institutes were contacted during the past year. There are a number of institutions in Egypt, Eritrea, Senegal, Burkina Faso and Mozambique that have already been identified as possible recipients but until it is clear how many sets of the new CSA CD-ROMs will be available, no approaches have been made.

A table (Appendix 1) is appended that gives details of all institutions contacted in the last year, including those that have not made a final decision to join the project. Institutions considered at the beginning (1999) of the initiative but which did not reply at that time have not been included, nor have those that did reply and received ASFA for the first two years but dropped out after that. These were listed in previous reports.

Of the above listed 39 institutions still receiving ASFA, 15 institutions (one of which is an ASFA partner) receive ASFA in the NISC version and 18 institutions now receive the new CSA version. Two (Gabon and University of Zimbabwe) will probably receive ASFA via Internet, although a final decision is still awaited. The remaining four have become ASFA partners.

2) Delivery of ASFA on CD-ROM to participating countries.

Sine the last report, the updated CD-ROMs from Silverplatter for 2004/03 and 2004/09 have been sent out to participating institutions (2004/06 was not received). In June 2005 the new set of CSA CD-ROMs (1971-1993 archive CD and 1994-March 2005 latest update CD) were sent out accompanied by instructions for installing the CDs, as well as guidelines and tips for searching the CDs. These documents were translated into French and the appropriate one sent to each institute by post as well as by email. English versions are attached to this report.

NISC continued to dispatch their new updates on a regular basis. Since the last report updates for June 2004 (sent in July 2004), September 2004 (sent in November 2004) and December 2004 (sent in February 2005) have been sent to the 15 NISC recipients. In July 2005 a new set of 4 CDs (including the update to March 2005) was dispatched to all recipients.

Each time a new update or new set of CDs is sent out the recipients of both CSA and NISC products are notified by email of the anticipated delivery.

NISC has also notified us that they hope to move their product from CD-ROM format to DVD, which will mean that one disc will contain the whole database, making searching much more efficient. This change was also communicated to all the NISC recipients, to ascertain whether or not this could cause problems.

The delivery of the Silverplatter and CSA products is detailed on the table in Appendix 1, as well the dispatch of the new set of NISC CDs, and any acknowledgements that have been received.

3) Requests for acknowledgement of receipt and for report back on the use of ASFA.

Every time an update CD or new set of CDs is sent out, recipients are requested to acknowledge receipt of the package. This is noted on the tables in Appendix 1. An analysis of the number of responses for the past year has been made. The results are summarised in the table below.

	Total no. of response opportunities	Total no. of acknowledgements	No. of acknowledgements as %
All mailings	119	26	21.8%
Silverplatter/CSA	61	14	23%
NISC	58	12	20.7%

This shows that the overall response rate is low. In practise some institutions never reply, while a few reply most of the time. The reason for the slightly lower response from the institutions receiving NISC maybe that it is sent out by the company and is not accompanied by documentation from FAO, which is the case for the Silverplatter/CSA mailings. However, in both cases, an email message is sent via the ASFA-FOR-AFRICA list to notify recipients of the mailing of the new update. One of the objectives of the project is to obtain feedback on the usefulness of the database, but in many cases, it is not known whether or not they have been received or are installed and in use. From the next mailing it is proposed that a warning is included with the letter and CD-ROMs explaining that, although the database is supplied free-of-charge, receipt should be acknowledged. If the database was received on subscription, recipients would have to acknowledge receipt at least once a year by making due payment, otherwise no more CDs would be sent to them. Therefore if acknowledgement is not received, the next update will not be sent out. If the institution requests reinstatement in the project, mailings can be commenced again.

As usual, requests for an annual report of the use of ASFA were sent to all participating institutions at the beginning of 2005. So far 2 reports have been received (Water Research Institute, Ghana and Nigeria NIFFR). These are attached before the tables.

4) ASFA-FOR-AFRICA email discussion list

This list was set up at the beginning of 2004 to provide a means to notify all members when CD updates had been posted to them and well as to provide a forum for discussions should problems arise.

As noted last year, problems with the delivery of emails still occur. Several participants use 'hotmail' or 'yahoo' addresses as institutional ones are often less reliable.

The email list has been used to communicate several problems during the course of the year and hopefully, replies have been able to assist in resolving these problems.

5) Internet initiative - Africa

In March 2002 IOC requested that several institutions in countries in Africa in which they have projects be included in this part of the initiative to receive ASFA via internet. These institutions are:

- 1) Centre Béninois de la Recherche Scientifique et Technique, Cotonou, Benin
- 2) Centre De Gestion Intégrée du Littoral et de Environnement (CGILE), Université de Lomé, Togo
- 3) Institute of Marine Sciences, University of Dar-Es-Salaam, Zanzibar, Tanzania
- 4) Centre National de Documentation et de Recherche Scientifique (CNDRS), Moroni, Comores
- 5) Marine Fisheries Research Division, Tema, Ghana
- 6) Centre de Recherche Scientifique de Conakry-Rogbane (CERESCOR), Conakry, Guinée
- 7) Université Mohamed V, Faculté des Sciences, Département des Sciences de la Terre, Rabat, Morocco
- 8) Instituto Nacional de Hidrografia e Navegacao (INAHINA), Maputo, Mozambique
- 9) Nigerian Institute for Oceanography and Marine Research, Lagos, Nigeria

- 10) Centre National de Recherches Océanographiques et des Pêches, Nouadhibou, Mauritania
- 11) Direction de l'Océanographie et des Pêches Maritimes (DOPM)
Bureau des statistiques et de la documentation, Dakar, Senegal
- 12) SRHOL-IRAD, Limbe, Cameroon
- 13) Institut Halieutique et des Sciences Marines, Université de Toliara, Tuléar, Madagascar
- 14) L'Institut de Recherche Marine, Luanda, Angola.

These institutions were requested to supply CSA with IP addresses but only 5 replied and were connected (Togo, Guinea, Senegal, Tanzania and Mauritania). Other potential recipients were contacted again in November 2004 (Benin, Cameroon, Comores, Madagascar, Morocco and Mozambique). Only one reply was received – from the Université de Toliara, Madagascar. Their IP address was requested.

6) Internet initiative – rest of the world

Since 2000 a number of institutions have been contacted to offer them free access to ASFA via internet. The greatest number of institutions receiving ASFA this way has been seven. Despite several attempts to recontact the institutes at the present time only 3 (Pakistan, FFA, Solomon Islands, Sri Lanka) have provided IP addresses and have been able to access ASFA in this way.

The current situation is summarised in the table of second phase rest of the world recipients which also includes institutions receiving ASFA on CD-ROM (see Appendix 2).

Although internet access has been provided to several institutions, as described above, obtaining any acknowledgement or feedback from them is virtually impossible. It also seems to be difficult to obtain information from CSA as to whether or not these connections are still active. This is something that should be given attention in the future, particularly if access via internet is to be more encouraged. Some mechanism should be established in advance whereby continued access and use can be monitored.

7) Second phase Internet/CD-ROM initiative – rest of the world

The following is a list of institutions in Asia and Central America that receive ASFA on CD-ROM:

- 1) University of Dhaka, Bangladesh
- 2) Bangladesh Agricultural University
- 3) Georgian Research Institute for Scientific and Technical Information
- 4) International Collective in Support of Fishworkers, India
- 5) Central Research Institute for Aquaculture, Indonesia
- 6) Centre for Documentation and Information, Indonesian Institute of Sciences, Indonesia (now an ASFA partner)
- 7) University of Basrah, Iraq
- 8) SEAFDEC Aquaculture Centre, Philippines
- 9) Instituto Colombiano de Desarrollo Rural, Columbia
- 10) Centro de Investigaciones Pesqueras y Acuícolas, Nicaragua
- 11) Instituto Nacional de Investigaciones Agrícolas, Venezuela

Only one institution was added in the past year. One Indonesian recipient became an ASFA partner, bringing to two (with Ecuador) the number of recipients from the rest of the world initiative that have become ASFA partners.

Two other institutions were contacted:

- 1) Inland Fisheries Research and Development, Department of Fisheries, Cambodia
- 2) University of Guyana, Guyana

However, no response was received from either of them. The University of Guyana will be approached again soon and a new possibility is being investigated in Cambodia as well as Bhutan. Another contact has also been suggested in Bangladesh. As with the Africa initiative, no other institutions were approached because of uncertainty over the number of CD-ROMs available for distribution.

The delivery of the CD-ROMs for the past year is the same as that for the former Silverplatter – now CSA recipients in Africa (see above). This is also detailed in the second table in Appendix 1.

As with the Africa initiative above, an analysis of the responses to requests for acknowledgement of receipt of the CD-ROM updates was undertaken. The results for the rest-of-the-world initiative are shown below.

	Total no. of response opportunities	Total no. of acknowledgements	No. of acknowledgements as %
Rest-of-the-world countries	27	12	44.4%

The response rate from these countries is considerably better than for African countries but they should also be given due warning that they will not receive future updates if an acknowledgement is not received.

As with the initiative in Africa, end-of-year reports were requested at in February 2005. A report was received from SEAFDEC in the Philippines and is attached with the two from African countries.

8) Overall Evaluation of both initiatives

These figures are given in the overview at the beginning of the report but are repeated here along with three graphs showing the progress of the project over time.

For the LIFDC initiative in Africa the number of institutions now able to access ASFA is 34. This is two less than last year, but five former recipients became ASFA partners and two new recipients joined the project, with one pending.

For the rest of the world initiative, including both those receiving ASFA on CD-ROM and those receiving it via Internet, the total number of recipients in LIFDC countries other than Africa remains 13.

The number of institutions that have now dropped out of the project to become ASFA partners is seven, two more than last year. As one of the initial objectives of the project was to encourage new countries to become partners, this is a measure of the success of the programme.

The following graphs show the progress of the initiatives over the past 5 years.

Growth of project to deliver ASFA on CD-ROM to LIFDCs in Africa

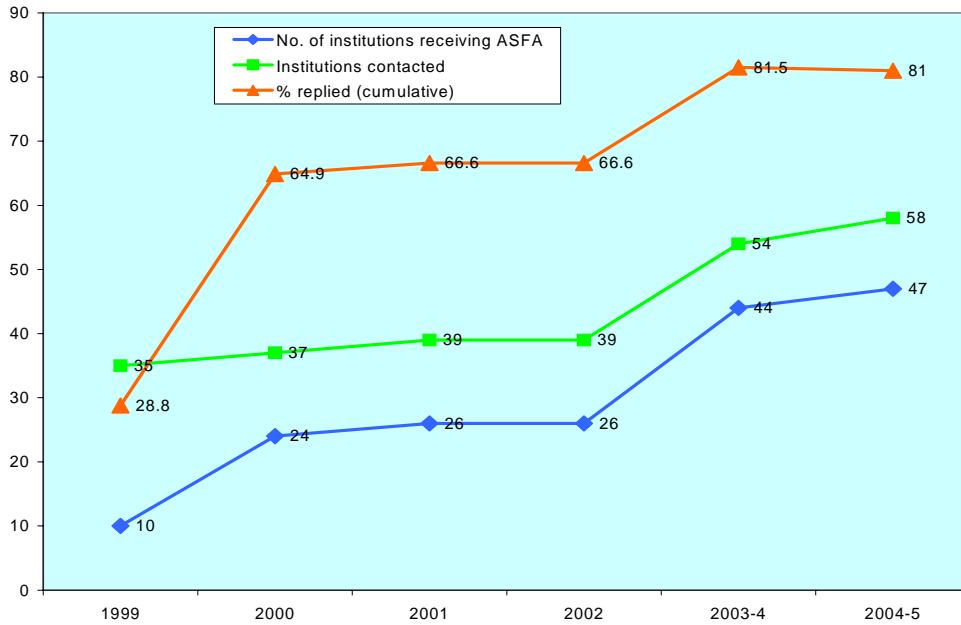


Figure 1. Growth of project to deliver ASFA on CD-ROM to LIFDCs in Africa

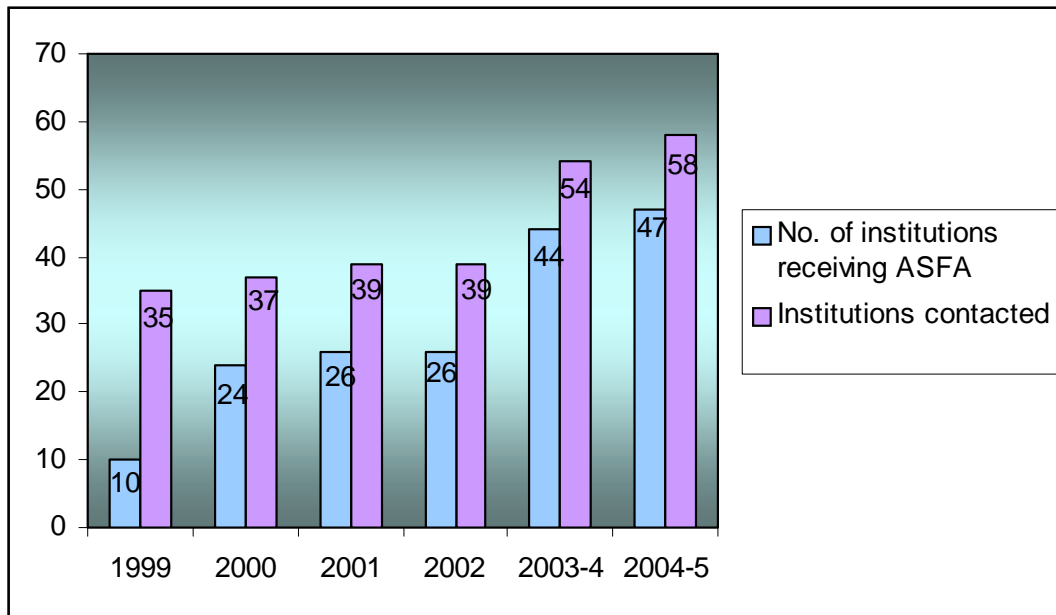


Figure 2. Relationship between no. of institutions contacted and no. that received ASFA in Africa (cumulative)

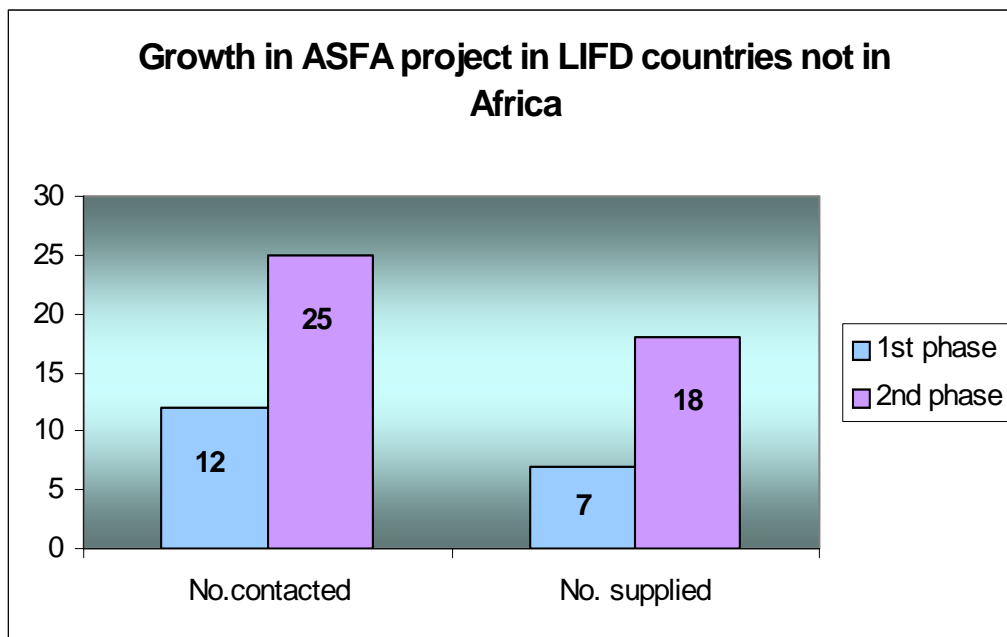


Figure 3. Growth in ASFA project in LIFDCs not in Africa

The figures in the above graphs are all cumulative and represent the total number of institutions that would be receiving ASFA had they all continued their participation in the project.

9) Evaluation of ASFA project 2005

This is the seventh year that the project to supply ASFA on CD-ROM or via internet to low-income food-deficit countries has been in existence. The number of countries and institutions participating seems to have reached some sort of stability, with few new entries and few additional possibilities for future contact.

To try to put this project in a worldwide perspective, some broader issues are examined, beginning with the classification of low-income food-deficit countries

The classification of a country by FAO as an LIFDC has been based on three criteria¹:

Firstly, that a country should have a per capita income below a certain ceiling determined by the World Bank.

Secondly, the net food trade position of the country over the past three years is taken into account. Certain basic foodstuffs (cereals, roots and tubers, pulse, oilseeds and oils other than tree crop oils, meat and dairy products) are converted and aggregated by calorie content of individual commodities.

Thirdly, a country may choose to be excluded from the LIFDC category.

At the present time these criteria are again under consideration.

In 2004, a total of 84 countries worldwide were listed by FAO as LIFDCs, an increase of 2 since 2001. In 1986, 65 countries were listed as LIFDCs. Over the next 10 years this number increased steadily to a peak of 87 in 1996, dropping to 78 in 2000, but is now increasing again. As the LIFDC classification was developed in the context of food security (or insecurity)² and this project is focused on the provision of information, it is also useful to look at broader economic and human development indexes to put the concept of low-income food-deficit countries in terms of human and income poverty. Figures from UNDP's Human Development Report 2004³ show the tremendous gap between high income, developed countries and middle and low income developing countries.

2002 data	GDP per capita US\$	GDP in PPP US\$ per capita
High human development	22,690	24,806
Medium human development	1,120	4,269
Low human development	322	1,184
High income	27,312	28,741
Medium income	1,877	5,908
Low income	451	2,149

Whether uncorrected GDP per capita is used or a figure adjusted for purchasing power parity, the table shows that there is not a gradual decline between one group and the next but that the gap between rich and all other countries is enormous. The same is true when comparing countries using the human development index (HDI) or simply a measure of income. The HDI index is a summary of human development. It measures the average achievements in a country in three basic dimensions of human development: a long and healthy life, as measured by life expectancy at birth; knowledge, as measured by the adult literacy rate (with two-thirds weight) and the combined primary, secondary and tertiary gross enrolment ratio (with one-third weight); and a decent standard of living, as measured by GDP per capita (PPP US\$).

While no LIFDCs fall into the high human development category at present, it is interesting to note that 36 fall into the medium development category. This tendency was noted in a report to the 2002 Committee on Food Security². In comparing LIFDCs as a category with other categories, such as least developed countries (LDCs), the World Bank's low-income countries and Heavily Indebted Poor Countries (HIPC), it was found that, while there were considerable overlaps between them, LIFDCs showed a better performance on all the economic, trade-related and socio-economic variables than other categories. They were also found to have better nutrition and health related outcomes than other categories. Therefore, for the purposes of this project it has frequently been useful to examine other country classifications to obtain a clearer picture which countries could benefit from free access to the ASFA database.

In previous reports to the ASFA Board, mention has been made of the problems of internet connectivity, particularly in Africa, as well as in other developing countries. The economic data given above are probably another indicator of how widespread the problem of stable and cheap access to the internet is. Real evidence of this was related by a colleague running a course in Bangladesh. The venue in which the training was being given did not have a physical link to the internet and the trainers installed their own cable,

several kilometres long, to establish the link at another site. On the third day of the course this cable was stolen by a rival company (Immink, 2005, pers.com⁴). Clearly this is a difficult environment in which to maintain a stable internet connection. In an article published last year, concerning the place of CD-ROM technology in Nigerian libraries⁵, the point is made that CD-ROM is a more appropriate technology for a country like Nigeria than online services, because of the difficult environment, where blackouts or power cuts are frequent, and telephone communication does not need to be used. This scenario can be extended to most countries in Africa and many other developing countries.

These examples are a further indication that access to bibliographic databases on CD-ROM or DVD will continue to be needed for some time to come. While LIFDCs are fortunate to have ASFA supplied free-of-charge, there are still many countries for which access to ASFA is either unaffordable or not viable via internet.

Returning again to the observations above regarding the differences in GDP per capita, and combining that with the problems of internet connectivity in developing countries, it can be seen that there is little to distinguish between low income and middle income groupings but a huge divide between low/middle and high income groupings. As far as this project is concerned, there are two main implications. This first is that it would be beneficial to a wider grouping of countries, other than just LIFDCs, to have free access to ASFA, even for a limited time. These are countries that cannot afford to subscribe to ASFA and also that would prefer to have ASFA on CD-ROM because access to internet is not yet consistent or affordable enough.

As new software has been developed by CSA to produce the CDs now being distributed to the LIFDCs it would be an opportunity to further improve the product and make it available to other low and medium income countries, perhaps initially free of charge, then pricing it according to the means of the countries.

A further concern is the problem of not receiving any response to the offer of ASFA free of charge. Perhaps, in some cases, it was inappropriate to contact a particular country. Maybe access to a bibliographic database is not a priority for them, for example, if only subsistence fishing takes place and research on fisheries is not undertaken. In the past mostly government institutions were contacted but in future perhaps more universities should be considered, as this is where the upcoming generation will learn and be influenced by the availability of tools such as ASFA. Often, where government research facilities are inadequate or unable to provide the necessary support, universities are called on to help fill this gap.

A major reason for the lack of response is likely to be the lack of library facilities and trained library personnel. In those countries that have become ASFA partners this has been a critical factor in the decision. Another factor is the person who either receives the initial approach or the person to whom responsibility is given to continue the contact. Where that person understands the value of the product being offered, a more favourable response is generally forthcoming. Again, if the librarian is given this task there is a greater chance of the initiative succeeding. In general, this project is very much dependent on the priorities of the contact person. Perhaps, if personal visits to each country had been made it might have been possible to identify the appropriate person in each institution; however, when that person leaves there is no guarantee that the new incumbent will have the same priorities and the project might lapse again.

Language is probably another reason for non response. Although ASFA does index articles in languages other than English, English is still the predominant language.

This is a further argument for making ASFA available to a broader spectrum of countries, in particular those that are already undertaking fisheries research and have need of bibliographic tools but lack funds to purchase them. The countries that could be targeted should have library infrastructure and personnel who could provide the kind of service necessary to optimize the use of ASFA.

With the ever increasing number of scientific publications becoming available, bibliographic search tools become ever more important, as it is impossible to keep up with current literature without them. Although no single database or search engine can provide complete coverage in today's multi-disciplinary environment, it is even more important for ASFA to increase its coverage and relevance to the global marine science, fisheries and aquaculture communities, and in particular to developing countries which now provide the greatest proportion of fish, in particular farmed fish, to global markets⁶.

By combining the proposal made earlier in the report, to insist on regular responses from participating institutions, and extending the offer of ASFA to a wider group of countries, the total number of free sets of CD-ROMs would be unlikely to be greater than at present but would be more focused on those institutions really benefiting from the project. Evidence for this can already be seen in the 7 institutions that have now become ASFA partners.

10) References used in the preparation of this report:

- 1) 2001 Revision of the List of Low-Income-Food-Deficit Countries (effective end April 2001, FAOSTAT Code 876) 8 May 2001. [Online] Available: <http://internal.fao.org/techdpts/spfs/resources/lifdc.doc> [12 September 2005]
- 2) Committee on World Food Security twenty-eighth session Rome, 6-8 June 2002. The LIFDC Classification - an exploration. [Online] Available: [http://www.fao.org/DOCREP/MEETING/\)/\\$Y6691E/Y6691E00.HTM](http://www.fao.org/DOCREP/MEETING/)/$Y6691E/Y6691E00.HTM) [9 September 2005]
- 3) Human Development Report 2004. 2004. United Nations Development Programme. [Online] Available: <http://hdr.undp.org/2004/> [12 September 2005]
- 4) Immink, Anton. 3 August 2005. Personal communication
- 5) Ogunsola, L.A. 2004. The place of Cd-Rom technology in library development in Nigeria. *J. Soc. Sci.*, 9(2): 137-143.
- 6) FAO Fisheries Department. 2004. State of the World Fisheries and Aquaculture 2004 (Sophia). Food and Agricultural Organisation of the United Nations. [Online] Available: http://www.fao.org/documents/show_cdr.asp?url_file=/DOCREP/007/y5600e/y5600e00.htm [12 September 2005]
- 7) Report from NIFFR

B: REPORT ON THE USE OF ABAFR/ASFA CD- ROMS BY NIFFR LIBRARY IN 2004

Four CD-ROMs were received in the year 2004 as shown

October - December	2003
January - March	2004
April - June	2004
July - September	2004

As shown on table 4, below, 77.2% of the users are staff of the Institute while 22.8% are visitors from other fisheries institutions in Nigeria. The table does not give the true picture of usage of the CD-Rom because there were staff who borrowed the CD for home/office/weekend use. In most cases, they do not keep record of usage. However, I always confirm usage as a result of the follow up requests coming from them, such as:

- Do you have this journals or this article?

A times, some of them bring printed list from where they mark items they found relevant and want copies. Most of the external users are either students on Industrial attachment or M.Sc and Ph.D Students from some Departments of Fisheries/Biological Sciences or Zoology from some Nigerian Universities. It could be noted that there is no external user of the Cd-Rom form July – September, the reason is that the CD arrived in December when visitors rarely use the library.

Table 4: Categories of Users

S/No	CDS	Frequency of In-hour users	Frequency of External Users	Total
1.	Oct. - Dec. 2003	15	3	18
2.	Jan. - March 2004	11	5	16
3.	April - June 2004	14	5	19
4.	July - Sept. 2004	4	-	4
	Total	44 (77.2%)	13 (22.8%)	57

Table 5: Records of individual Search

No. of search	Search Terms combination	No of Hits	No Printed	Usefulness	No found in NIFFR Library	No found using AGORA
1.	Earthworm and Fish Culture	12	12	Yes	2	-
2.	Fish culture and Maggot	2	1	Yes	1	-
3.	Nutrition and Fish and Nigeria	61	26	Yes	35	-
4.	Duckweed and Fish	49	37	Yes		-
5.	Taxonomy and Fish and Nigeria	10	6	Yes	4	-
6.	Eustrongylides and Fish	47	30	Yes	-	-
7.	Snail culture	4	4	Yes	-	-
8.	Integrated fish farming	34	14	Yes	-	-
9.	Freshwater Fish and Preservation	18	6	Yes	4	-
10.	Reproduction and Cyprinodonts	3	3	Yes	-	-
11.	Habitat and Cyprinodonts	4	4	Yes	-	-
12.	Conservation and Cyprinodonts	1	1	Yes	-	-
13.	Mussel and Proximate analysis	10	10	Yes	-	-
14.	Mussel and Aging	15	15	Yes	-	-
15.	Mussel and Distribution and Africa	40	10	Yes	-	-
16.	Mussel and Population dynamics and Africa	6	6	Yes	-	-
17.	Seasonal variation and Zooplankton and African	24	10	Yes	1	
18.	Zooplankton and seasonal change	130	15	Yes	6	-
19.	Mormyrus rume and biology	6	5	Yes	1	-
20.	Mormyrus rume and Ecology	6	5	Yes	1	-
21.	Mormyrus rume and breeding	1	1	Yes	-	-
22.	Fish Conservation and Africa	39	12	Yes	1	-
23.	Endanger fishes and Africa	1	1	Yes	1	-
24.	Mark recapture method and Fish	38	10	Yes	1	1
25.	Zippin method	3	2	Yes	-	1

26.	Lecren	2	2	Yes	-	-
27.	Removal method	28	10	Yes	1	-
28.	FISAT	32	12	Yes	1	-
29.	Fish population dynamics and Nigeria	14	4	Yes	10	-
30.	Growth ring and fish and Freshwater	16	10	Yes	-	-
31.	Stream ecology and Fish	32	10	Yes	-	4
32.	Stream characterization	8	8	Yes	-	-
33.	Stream hydrology	16	10	Yes	-	-
34.	Principal component analysis and fish and Nigeria	3	3	Yes	3	-
35.	Phenology and Typha	3	3	Yes	-	-
36.	Taxonomy and Typha	18	10	Yes	-	-
37.	Biology and Typha australis	27	7	Yes	2	3
38.	Gear selectivity and Africa	25	5	Yes	4	2
		788	340 43.15%		78 9.9%	11 1.4%

Usage statistics

In table 4, total frequency of usage was 57 whereas table 5 shows 38 searches. The remaining 19 searches have no record because they were training sessions for scientists and students of fisheries from about five Universities on Industrial attachment. This means that about 33% of the searches were for training. This, I considered necessary because any wrong combination of terms will lead to too many records to handle. Table 5, shows that there were about 788 hits in all the 38 times the CD was used. Extended abstracts of 340 (43.15%) were printed out and only 78 (9.9%) were found in the Institute library while 11 (1.4%) were downloaded from the internet using AGORA. The use of AGORA is low because of the high cost having access through a commercial cafe. Scientists found the extended abstracts very useful particularly those that are informative containing methodology and results. That explains why about 43.15% of the extended abstracts were printed out. The quantity of articles that were found in the library of the Institute shows poor collection. However, of note is that searches combining Nigeria with other search terms recorded high number of articles found in the Institute's library. This gives credence to our effort in developing 'Nigerian Fisheries and Aquatic sciences Database' where we have hard copies of articles in the database in our collection.

Generally, all those who used the CD found it very useful. The way they received new information on their subject of interest shows that they were happy. I must say that bulk of our literature request came from South African Institute for Aquatic Biodiversity (SAIAB) and FAO Fisheries Branch Library. These requests resulted from the searches made from the CD. I must say that the above statistics does not include the numerous number of times the librarian uses the CD to identify missing collections on Nigerian special collection on Nigerian Fisheries and Aquatic Sciences.

In conclusion, I am expressing the profound gratitude of the Institute and users of the ABAFA CD to FAO, SAIAB and NISC for making the CD available free. It has made a wall of difference in our awareness of existing literature and access to them ever more than before. Above all it has made the library and the librarian more relevant. For your information I now see myself as `Consultant Librarian`

Dr. M.O. Ibeun
Head, Library, Information and Documentation Division
National Institute for Freshwater Fisheries Research
P.M.B. 6006
New Bussa
Niger State
Nigeria.

Water Research Institute, Ghana
Aquatic Biology, Aquaculture & Fisheries Resources
2004 Annual Report

The ABAFR database was assessed a total of 85 times with a total of 55 internal users comprising of research scientists and technical staff assessing the database.

30 requests for searches were received from external users comprising of students, Lecturers and Consultants.

The subject areas searched included:

Aquaculture
Fisheries
Pollution control
Phytoplankton
Mangroves
Agriculture
Oceanography, among others

In most cases users were satisfied with the results of the search made and some requested for photocopies, which were made for them.

When useful references were found during the search, the South African Institute of Aquatic Biodiversity(SAIAB) through the FAO-SAIAB Libraires Network Initiative provided the material free of charge.

Report from Amy Arisola, SEAFDEC, Philippines

SEAFDEC AQD Library would like to acknowledge with thanks the receipt of ASFA on CD-ROM update 2002/04-204/09. This database is very useful to Librarians, Scientists, Faculty, students, fishfarmers, and all AQD Library clientele. An average of 3 inhouse users and 2 external users daily is recorded. Its helps the user to locate and find materials that are seldom available like proceedings and journals that are very difficult to acquire in other parts of world. The abstracts are very useful if no materials are available in the AQD Library. The users of ASFA finds the database friendly and it covers a lot of different types of materials either CC: covered, grey literature or unpublished materials from the other parts of the world. One suggestion from Ms. Rhea Joy Carton an MS student from the University of the Philippines in the Visayas if ASFA can adopt a popular search engine format like on the Web, which allows the use of word separators. A broad subjects on finfishes and shellfisheries were search particularly on topics like phytoplankton, seagrasses, polychaetes, freshwater and marine fishes and shellfishes, heavy metals, fecundity, mangroves, surimi, shrimps, crabs, lobsters, gracilaria, catfishes, carps, aquatic invertebrates, molluscs,,integrated coastal zone, pond productivity, egg quality, sea basses, antioxidant caritenoids, fisheries laws, etc. One thousand records were email to outside request. Again, I would like to thank FAO for their support and generosity for giving SEAFDEC AQD Library a free subscription to ASFA on CD-ROM.

Searching ASFA on the CSA CD-ROMs

The new set of 2 CD-ROMs produced by CSA contains abstracts from 1971 to 1993 on one CD, and from 1994 to the most recent additions on the second CD. The CDs have to be searched separately.

The initial search screen that appears once you have entered the database is very different from the one you may be used to when using the Silverplatter version of ASFA. Here the screen is divided vertically, with an explanation of ASFA and the subject coverage of the database on the right.

On the left side of the screen is a "Find" box where keywords and search terms can be typed. Using this as your starting point initiates a "Quick search". Below the box a number of options are available. You can specify **where** in the record your keyword appears, by choosing from the options in the drop-list. "**Keyword**" searches the title, abstract, descriptor and identifier fields, whereas "**Author**" searches only the author field. "**Anywhere**" searches all fields.

When using more than one word in the "Find" box, you can choose to search "**any of the words**" or "**all of the words**". "Any of the words" corresponds to using "**or**" in a Boolean search, whereas "all of the words" is like using "**and**".

Next there are three options to limit your search, if you want to. By leaving the boxes blank, all the records available on the CD-ROM are searched. However, you can also limit your search by specifying a particular date range from the drop-lists.

Finally, you can choose which fields are shown in the results, either from the drop-list, or by customising the fields you want to be shown.

To execute your search, click on "**Search**" just below the "Find" box.

The number of records found is displayed in a gold band near the top of the screen. Below are the first 25 (or fewer) records of your search. If there are more than 25, go to the bottom of the screen to retrieve the next 25, or enter the number of a record in the box and click "**Go**".

Changes may be made to your original search strategy by making changes to the boxes or choices displayed on the left side of the screen. When you have revised your choices, press "**Search again**".

To see the complete record of any of the results (if this option was not selected in the original search), click on "**View Record**" above the desired title. To return to the list, click on "**Return to Results**", or click "**Next**" to view the next title.

Records may also be marked by ticking the box above the title. You may view the marked records at any time by clicking on "**View Marked Records**" at the top of the set of results.

Advanced Search

The **Advanced Search** option is selected on the left-hand side of the opening screen, by clicking on the blue bar “**Advanced Search**” below the **Quick Search** options.

The screen that appears allows you to build up your own search strategy. Three lines, each with three boxes, allow you to express alternative terms or synonyms for your keywords or search terms. The boxes on the left provide drop lists of all available fields. You can select the fields in which you want your search term to appear from these lists.

You do not have to put search terms in all the lines but if you do use the second line the Boolean operator “**and**” is automatically selected to combine the terms in the first and second lines. This has the effect of narrowing the search. If you do want to broaden your search, do not use the second line, but put your search term in the third line and choose the Boolean operator “**or**”. If you want to exclude something from your search, choose the operator “**not**” in the third line.

Below these three lines are three small check boxes where you can opt to limit your search to the latest update (if you are on Internet), journal articles only or English language items only. You do not need to use any of these options. Leaving them blank allows the whole database to be searched. Below this are two more boxes with drop lists from which you can select a specific date range.

Now you can choose the format in which the records in your search results are shown, by choosing from the drop list in the “**Show**” box. The drop list gives the options “**citation**”, “**citation and abstract**”, “**full record**” or “**custom fields**”. If you select “**custom fields**”, click on the blue bar to the right (marked **Choose Custom Fields**) to select these fields.

Click “**Search**” to execute the search strategy.

For those practiced in expressing their own search strategy, the “**Command-Line Search**” can be filled in, using Boolean operators and field codes of your choosing.

Author searching and browsable indexes

One of the most popular ways of searching large bibliographic databases is to look for items by authors that have already published work that you are interested in. The ASFA CD-ROMs facilitate this search by providing a browsable index of author’s names. This is the best way to search for an author’s name as you can select it directly from an alphabetical list without having to type the name yourself.

To access the browsable indexes that are available on the ASFA CD-ROMs, click on “**Browse Indexes**” in the blue bar below “**Advanced Search**” on the left-hand side of the screen. You can then make a choice from the drop list of which index you want to use. The first one is the **Author Index**. Select this to search authors’ names. In the **Find** box enter the **surname** or **last name** of the author. If you are not sure of the spelling you only need enter part of the name. Click “**Display**”. The next screen will show that part of the alphabetical list containing the name you

have typed. You can browse through the list by using the “**Next**” and “**Previous**” buttons, or go to another name by typing it into the input box at the bottom. The authors’ names are displayed like this: Brown, AM. Sometimes authors use only one initial in their publications, some use two or more (if they have them). You can see immediately from the list which entries are relevant to your search and these boxes can be “**ticked**”. More than one box can be marked. When you have made your choices, click “**Search**” on the left-hand side to submit the search. You can also use the limiting and display options on the left side of the screen in the same ways as in the **Quick** and **Advanced** search options.

The other browsable indexes are the **Descriptor Index**, **Journal Name Index**, **Language Index** and **Publication Type Index**.

The **Descriptor Index** is particularly useful as it functions as a thesaurus or controlled vocabulary. It is an alphabetical list of all the index terms used by the compilers of the database when coding records for entry into the database. These terms are strictly controlled so that they form a standard way of describing items or concepts. They may be single words, multiple words or even short phrases. They may not necessarily appear anywhere else in the record except as a descriptor, giving you another way of expressing your search terms.

To search the Descriptor Index, follow the same procedure as for the Author index above but select “**Descriptor Index**” from the drop list. Enter the word you want to look for in the **Find** box, click on **Display** and your term will be found somewhere near the middle of the alphabetical list on the screen that appears. Again you can move within the list, mark specific boxes and perform a **Search** on your chosen terms.

The **Journal Name Index** is useful for ascertaining whether or not an article in a particular journal has been included in the database. It can be searched in the same way as above. The index is arranged according to the **full name** of the journal, but the abbreviated form is also included where it has been used. Search using the beginning of the first word in the title and browse up and down the list using “**previous**” and “**next**” to make sure you retrieve all possibilities. Tick all the relevant boxes before clicking “**search**”.

The **Language Index** can be used to find the language of the original source document. Remember that more than one language may be assigned to an item, as the summary language may be different from the body of the text, or the text itself may be in more than one language.

In the **Publication Type Index**, the 18 publication types recognised in ASFA can also be searched. Most of the literature indexed by ASFA is in the form of journal articles, but **Conference**, **Dissertation**, **Patent**, **Training Manual** are other examples of publication types that can be searched.

Results options – saving and printing

In your original search you can choose to have the results displayed in a number of formats. Probably the most convenient is to choose the “**Citation**” option. On the results screen, only three fields are displayed but up to 25 records are found on one page, making it more convenient to browse through the results. The full record may be viewed by clicking on “**View Record**”. Return to the list by clicking on “**Return to Results**”.

The three fields displayed in the citation option are the title, the author(s) and the source of the item. In the full record up to 28 fields could be displayed but usually not all fields are necessary for a record.

If the option “**Citation and Abstract**” is chosen, the abstract field will also be displayed. Note that not all records have an abstract.

You also have the option to customise which fields are displayed. Choose “**Custom fields**” then click on the blue bar with “**Choose custom fields**” to open the custom fields window. Mark those fields that you want to have displayed and click “**Submit**”. Then click “**Search**” or “**Search again**”. Customising the fields that are displayed is useful when you are looking for particular information in a record, for example, author affiliation. This field does not appear if the citation option is chosen and, by customising fields, fields that are not of interest are omitted, allowing more rapid browsing of the records.

On your results list the records you want to refer to later, or save or print out, may be marked. Click on the box above the title of the specific record, next to the number of that record, to mark a particular record. This places a tick in the box. By clicking on “**View marked Records**” in the blue bar near the top of the page, you can see all your chosen records. They appear in citation format. On this screen you can clear all marks, or untick those you decide you do not need.

From this screen, or from the results screen, you have the option to save or print out the results of your search. Click on “**Save/Print records**”. You can select all or up to 250 records from your results. The default option is to use the number of marked records. Next, choose the format (citation, citation and abstract, full record, or customised fields) in which you want to save or print your records. You can also add comments in the box provided to accompany the list.

To save: click on “**Save**”. A window is opened which reads “Requested records are ready for download” and below is the underlined instruction “To Download File. Please right-click & choose Save target as ...”. Follow this instruction and choose “**Save target as**” from the drop down list. A window will open allowing you to rename the file and save it in your chosen location. Note that it is a text file and **.txt** should be the file extension.

To Print: click on “**Print Preview**”. A window is opened showing the records that have been chosen, as well as a dialog box informing you to “**Select Print from the File Menu**”. Click “**OK**” and then either click on “**File**” and choose “**Print**” on the navigation bar at the top of the screen or click on the “**Print icon**”. Close the window.

In either case you can now click on “**Return to Results**” to continue your search.

Second phase ASFA institutions (Silverplatter and Nisc)

Country	Institution	Email address	Reply received	CD-ROMs sent	Acknowledged
1) Angola (Silverplatter)	Instituto Nacional de Investigacao Pesqueira, Ministerio das Pescas e Ambiente de Angola, Ilha de Luanda, CP 2601, Luanda (Mr.Domingos Azevedo – new contact person)	iim-oceanographia@angola-minpescas.com or iim-centro-dados@angola-minpescas.com	Emailed twice – no reply. Marete has new contact or try Pedro Barros again. Spoke to Pedro 27/04 – he will email. Have emailed new contact twice. Had wrong name, now corrected	07/06/2004 Sent with Kevern Cochrane 1997-2002/03, 2002/04-2004/03, Resources CD Sent 10/02/2005 (2004/09) New CSA CDs + info Hand-carried 23/06/2005 (March 2005)	Update 2004/03 etc
2) Benin (Silverplatter)	Direction des Peches, Réseau National de Documentation Agricole du Bénin, 01 BP 383, Cotonou, Benin (Arsene F.M. d'Almeida)	dipafao@intnet.bj or direct almeida_arsene@yahoo.fr also almeida59@yahoo.fr to be used as well	Spoken to at COFI – positive reply Request for new WinSPIRS CD – sent early July 2004 – receipt acknowledged	Sent 24/03/2003 (2002/09) Sent 16/07/2003 (2003/03) Sent 12/09/2003 (2003/06) Sent 20/11/2003 (2003/09) Sent 12/02/2004 (2003/12) Sent 01/06/2004 (2004/03) Sent 10/02/2005 (2004/09) New CSA CDs + info Sent 28/06/05 (March 05)	Update 2004/03 Acknowledged receipt but problems searching
3) Benin (Nisc)	Bibliothèque, Centre de Documentation de la Faculté des Sciences Agronomiques de l'UAC (BIDOC-FSA), Université d'Abomey-Calavi, BP 526, Cotonou, Benin (Prof. Philippe Laleye)	phlaleye@firstnet1.com	Received questionnaire	Sent 08/01/2004 (Jun2003) Now supplied directly by NISC SA New set of 4 CDs 1971-March 2005 sent 27/07/05	Received by FAO Rep, Prof Laleye contacted
4) Botswana (Nisc)	Southern African Development Community, SADC Secretariat, SADC House, Khama Crescent, PBag 0095, Gabarone (Sandy Davies, Fisheries Advisor, Maria Tali, Librarian)	bigfish@info.bw mtali@sadc.int sdavies@sadc.int sadc@sadc.int	Received questionnaire	Contacted NISC. Will send 22 March 2005 New set of 4 CDs 1971-March 2005 sent 27/07/05	Initial set acknowledged New set acknowledged

Country	Institution	Email address	Reply received	CD-ROMs sent	Acknowledged
5) Burkina Faso (Nisc)	Institut de l'Environnement et de Recherches Agricoles, 04 B:P: 8645, Ouagadougou 01, Burkina Faso (Mr Marcel M Bonzi, Head of the Sci. & Tech. Inf. & Comm. Dept)	inera.direction@fasonet.bf or marcel.bonzi@coraf.org	Jean says there should be a new contact person – emailed 15/04/2003	Sent 22/04/2003(Dec2002) Sent 8/05/2003(Mar2003) Sent 28/07/2003(Jun2003) Now supplied directly by NISC SA New set of 4 CDs 1971-March 2005 sent 27/07/05	Acknowledged regular receipt but NOT June 2004
6) Burundi (Silverplatter)	Bibliotheque Centrale de L'Universite du Burundi, Universite du Burundi, B.P. 1320, Bujumbura, Burundi (Librarian – Celine Habonimana)	chabonimana@yahoo.fr	Yes	Sent 24/03/2003 (2002/09) Sent 16/07/2003 (2003/03) Sent 12/09/2003 (2003/06) Sent 20/11/2003 (2003/09) Sent 13/02/2004 (2003/12) Sent 01/06/2004 (2004/03) Sent 10/02/2005 (2004/09) New CSA CDs + info Sent 28/06/05 (March 05)	Both sets
7) Cameroun (Silverplatter)	Station de Recherche Halieutique et Oceanographique a Limbe, PMB 77, Limbe (Le Directeur - Dr Théodore Djama)	theodoredjama@yahoo.co.uk	Not contacted yet. Found address to try – sent 23/04/2003. Positive reply	Sent 24/04/2003 (2002/09) Sent 16/07/2003 (2003/03) Sent 12/09/2003 (2003/06) Sent 20/11/2003 (2003/09) Sent 13/02/2004 (2003/12) Sent 01/06/2004 (2004/03) Sent 10/02/2005 (2004/09) New CSA CDs + info Sent 28/06/05 (March 05)	Acknowledged regular receipt Always gets from FAO Rep
8) Congo, Republic of (Nisc)	Direction Générale de la Pêche/Institut de Recherche pour le Développement (DGP/IRD) B.P. 1286, Pointe Noire, Congo (Lucien Maloueki) (Librarian: Loemba Hubert)	lumaloueki@yahoo.fr ird-pnr.dir@cg.celtelplus.com lucien.maloueki@caramail.com	Tried several times in past, finally got response when Merete gave info to them. Completed questionnaire received. Nisc sends direct	Sent 21/04/2004 but did not receive. Resent in June 2004. Now supplied directly by NISC SA New set of 4 CDs 1971-March 2005 sent 27/07/05	Acknowledged by Director, IRD de Pointe Noire
9) Cote d'Ivoire	Centre Nationale de Recherche	cnra@africaonline.co.ci	Will continue sending.	Sent 22/04/2003(Dec2002)	FAO Rep received

Country	Institution	Email address	Reply received	CD-ROMs sent	Acknowledged
(Nisc)	Agronomique, Station Pisciculture, BP 633, Bouaké 01 (Odile Tahouo, also at 01 BP 1740, Abijan 01)		Always get a response when CDs arrive.	Sent 8/05/2003 (Mar2003) Sent 28/07/2003(Jun2003) Now supplied directly by NISC SA New set of 4 CDs 1971-March 2005 sent 27/07/05	update June 2003
10) Djibouti (Silverplatter)	Direction de la Pêche, Ministère del' Agriculture, de l' Elevage et de la Mer, B.P. 297, Djibouti (Abdillahi Omar Farah, Chef de Service Pêche)	abdillahi_of@hotmail.com	Gerry O'Sullivan took info and questionnaire on trip for FIIU, completed questionnaire was returned. Send direct to institute.	Sent complete set up to 2003/12 on 27/04/2004 Sent 01/06/2004 (2004/03) Sent 10/02/2005 (2004/09) New CSA CDs + info Sent 28/06/05 (March 05)	
11) Eritrea (Silverplatter)	Marine Biology and Fisheries Institute, University of Asmara, PO Box 1220, Asmara. (Zekeria Abdulkerim)	zekeria@marine.uoa.edu.er	Positive reply	Sent 24/03/2003 (2002/09) Sent 18/07/2003 (2003/03) Sent 12/09/2003 (2003/06) Sent 20/11/2003 (2003/09) Sent 13/02/2004 (2003/12) Sent 01/06/2004 (2004/03) Sent 10/02/2005 (2004/09) New CSA CDs + info Sent 28/06/05 (March 05)	Update 2002/09 Update 2003/03 Update 2003/06 Update 2003/09 Update 2003/12
12) Gabon (Silverplatter)	Ministère de l'économie forestière, chargé des Pêches, BP 9498, Libreville (Mr Robert Ondoh, Directeur des Pêches et d'Aquaculture) (Librarian: Rosalie Avomo)	dgpa@internetgabon.com does not seem to work ucn.gabon@internetgabon.com	Spoken to at COFI, given initial 2 letters. Follow up with email – sent 22/04/2003 and again 24/07. Finally got completed questionnaire April 2004. Send direct. 2005 – now want via Internet	Sent 23/04/2004 (set up to 2003/12 plus WinSPIRS) Sent 10/02/2005 (2004/09)	Confirmed receipt at COFI 2005 but could not use – now want via Internet. CSA has been contacted to set this up
13) Gambia (Silverplatter)	Fisheries Department, Ministry of Natural Resources, 6 Marina Parade, Banjul. (Asberr N Mendy)	gamfish@gamtel.gm Use this in future anmendy@yahoo.com	Yes	Sent 24/03/2003 (2002/09) Sent 18/07/2003 (2003/03) Sent 12/09/2003 (2003/06) Sent 20/11/2003 (2003/09) Sent 13/02/2004 (2003/12)	Update 2003/06 Update 2003/09 Update 2003/12

Country	Institution	Email address	Reply received	CD-ROMs sent	Acknowledged
				Sent 01/06/2004 (2004/03) Sent 10/02/2005 (2004/09) New CSA CDs + info Sent 28/06/05 (March 05)	Confirmed receipt
14) Ghana (Silverplatter)	Marine Fisheries Research Division (MFRD), PO Box BT 62, Tema (Dr KA Koranteng, Deputy Director of Fisheries – has left). Now send to Patrick Amartey, Information Manager	mfrd@africaonline.com.gh p.amartey@odinafrica.net amartey@yahoo.com	Jean contacted – expecting CDs	Sent 24/03/2003 (2002/09) Sent 23/07/2003 (2003/03) Sent 12/09/2003 (2003/06) Sent 20/11/2003 (2003/09) Sent 13/02/2004 (2003/12) Sent 01/06/2004 (2004/03) Sent 10/02/2005 (2004/09) New CSA CDs + info Sent 28/06/05 (March 05)	New set SP Update 2003/03 Update 2003/06 Update 2003/09 Update 2004/03
15) Ghana (Silverplatter)	University of Ghana, PO Box LG 99, Legon (Dr Ofori Danson, Head Fisheries and Oceanography Dept)	oceano@ug.edu.gh or orfdan@yahoo.com	Jean contacted	Sent 24/03/2003 (2002/09) Sent 18/07/2003 (2003/03) Sent 12/09/2003 (2003/06) Sent 20/11/2003 (2003/09) Sent 13/02/2004 (2003/12) Sent 01/06/2004 (2004/03) Sent 10/02/2005 (2004/09) New CSA CDs + info Sent 28/06/05 (March 05)	New set SP Update 2003/03 Confirmed receipt but can't install
16) Ghana (Nisc)	Water Research Institute, Council for Scientific and Industrial Research, PO Box 38, Achimota (or PO Box 32, Accra). (Dr Charles Biney)	Wri@ghana.com or mjiagge@yahoo.com or marian@csirwater.org	Always reply when CDs received Report for 2004 received	Sent 24/03/2003(Dec2002) Sent 8/05/2003(Mar2003) Sent 28/07/2003(Jun2003) Now supplied directly by NISC SA New set of 4 CDs 1971- March 2005 sent 27/07/05	New set NISC June 2004 acknowledged December 2004 acknowledged
17) Guinea (Silverplatter)	Centre National des Sciences Halieutiques de Boussoura (CNSHB), Ministere de la Peche at de l'Elevage, BP 3738/9, Conakry. (Fodé Karim Kaba)	kabalondon@yahoo.fr (preferred) or fkaba@cnsnb.org.gn	Yes	Sent 24/03/2003 (2002/09) Sent 18/07/2003 (2003/03) Sent 12/09/2003 (2003/06) Sent 20/11/2003 (2003/09) Sent 13/02/2004 (2003/12)	Update 2002/09 Update 2003/03 Update 2003/09

Country	Institution	Email address	Reply received	CD-ROMs sent	Acknowledged
				Sent 01/06/2004 (2004/03) Sent 10/02/2005 (2004/09) New CSA CDs + info Sent 28/06/05 (March 05)	Update 2004/03 Update 2004/09
18) Kenya (Nisc)	National Museums of Kenya , PO Box 40658 - 00100, Nairobi (Ashah Owano - librarian)	library@museums.or.ke or oasha2002@yahoo.com	Got positive reply and questionnaire	Sent 2 archive CDs 6/02/2004. Nisc will send latest update Now supplied directly by NISC SA New set of 4 CDs 1971- March 2005 sent 27/07/05	All have been received Update June 2004
19) Liberia (Silverplatter)	Bureau of National Fisheries, Ministry of Agriculture, P.O. Box 9010, Monrovia, Liberia (Mr Isaac Flowers) (Librarian: Mrs Maryann Blidi)	zeekif@yahoo.com	Given info and questionnaire by Merete – completed and returned. Send via FAO	Sent complete set to 2003/12 on 27/04/2004 Sent 01/06/2004 (2004/03) Sent 10/02/2005 (2004/09) New CSA CDs + info Sent 28/06/05 (March 05)	
20) Malawi (Silverplatter)	Malawi Aquaculture Centre (NAC), Library, PO Box 44, Domasi (Mike Thuruwe).	nac@sdp.org.mw or library@worldfishcenter.sdp.org.mw	Jean contacted – are expecting CDs	Sent 24/03/2003 (2002/09) Sent 23/07/2003 (2003/03) Sent 12/09/2003 (2003/06) Sent 20/11/2003 (2003/09) Sent 13/02/2004 (2003/12) Sent 01/06/2004 (2004/03) Sent 10/02/2005 (2004/09) New CSA CDs + info Sent 28/06/05 (March 05)	Update 2003/03 Update 2004/03
21) Malawi (Nisc)	Bunda College of Agriculture (BCA), PO Box 219, Bunda, 30 km off Lilongwe-Blantyre Road, Lilongwe (Margaret Ngwira). Address CD updates to the College Librarian (Geoffrey Salanje?)	mengwira@bunda.sdp.org.mw Replaced Oct 2004 by tnamondwe@bunda.sdp.org.mw Now by G. Salanje gsalanje@bunda.uni.ma.mw	Contacted by Jean – already have a trial NISC. Expecting CDs	Sent 14/04/2003(Dec2002) Sent 8/05/2003(Mar2003) Sent 28/07/2003(Jun2003) Now supplied directly by NISC SA New set of 4 CDs 1971- March 2005 sent 27/07/05	Update June 2003 Acknowledged June 2004 September 2004
22) Mauritania	IMROP (Institut Mauritanien de Recherches	a.sow4@caramail.com	Positive reply	Sent 11/04/2003 (2002/09)	Update 2003/03

Country	Institution	Email address	Reply received	CD-ROMs sent	Acknowledged
(Silverplatter)	Océanographiques et des Pêches), BP 22, Nouadhibou. (SOW Amady)	or tijouceddo@yahoo.fr	In Sept 2004 will become ASFA partner	Sent 23/07/2003 (2003/03) Sent 12/09/2003 (2003/06) Sent 20/11/2003 (2003/09) Sent 13/02/2004 (2003/12) Sent 01/06/2004 (2004/03) Now a partner, get directly from CSA	Update 2004/03
23) Morocco (Silverplatter)	Institut National de Recherche Halieutiques, 2 Rue Tiznit, Casablanca, (Mr M'hamed Sedrati (Directeur) or Hikram Masski)	hmasski@inrh.org.ma	Positive reply In Sept 2004 will become ASFA partner	Sent 11/04/2003 (2002/09) Sent 23/07/2003 (2003/03) Sent 12/09/2003 (2003/06) Sent 20/11/2003 (2003/09) Sent 13/02/2004 (2003/12) Sent 01/06/2004 (2004/03) Now a partner, get directly from CSA	Update 2002/09
24) Morocco (Silverplatter)	Centre Regionaux de l'Institut National de Recherche Halieutique (INRH) du Sud du Royaume du Maroc, B.P. 75, Laayoune – El marsa – Sakia El Hamra, Morocco (M M'Hamed Idrissi) (Librarian: Mme Zohra Abid)	mha_idrissi@hotmail.com mha_idrissi2002@yahoo.com	Given info and questionnaire by Marete. Completed and returned questionnaire. Will send. Replied to listserv email, requested other FAO info which was sent to him	Sent all CDs up to 2004/03 on 01/06/2004 Sent 10/02/2005 (2004/09) New CSA CDs + info Sent 28/06/05 (March 05)	
25) Mozambique (Silverplatter)	Instituto Nacional de Desenvolvimento da Pesca de Pequena Escala, C.P. 2473, Escala Rua da Marginal, Parcela 141/8, Maputo, Mozambique (José Cansano, Chefe de Repartição)	swalmsley@idppe.org jcansano@idppe.org	Contacted by Jean – positive reply	Delivered and installed by Jean (2002/09 + archival) Sent 23/07/2003 (2003/03) Sent 12/09/2003 (2003/06) Sent 20/11/2003 (2003/09) Sent 13/02/2004 (2003/12) Sent 01/06/2004 (2004/03) Sent 10/02/2005 (2004/09) New CSA CDs + info Sent 28/06/05 (March 05)	Update 2003/06 Update 2003/12 Update 2004/09
26) Mozambique (Silverplatter)	Ministério das Pescas, Cx. Postal 1723, Rua Consiglieri Pedroso 347, Maputo,	lima@pescas.uem.mz candidoabilio@hotmail.com	Contacted by Jean – positive reply	Delivered and installed by Jean (2002/09 +archival	

Country	Institution	Email address	Reply received	CD-ROMs sent	Acknowledged
	Mozambique (Abilio Candido)	m.candido@mozpesca.org		Sent 23/07/2003 (2003/03) Sent 12/09/2003 (2003/06) Sent 20/11/2003 (2003/09) Sent 13/02/2004 (2003/12) Sent 01/06/2004 (2004/03) Sent 10/02/2005 (2004/09) New CSA CDs + info Sent 28/06/05 (March 05)	
Mozambique (potential)	J. Russo de Sá, Director Nacional, IIP, Maputo, Mozambique COFI 2005 – contact with Ana Paula Baloi, Deputy Director. She says the institute in Maputo gets but cannot network to branches elsewhere. Could send CSA CD for 1 or more of these?	russo@moziip.org apbaloi@moziip.org	Jean says send asap – sent email 13/08/2003 with info and questionnaire. Email address does not work. 1/09/2003 trying bsousa@iip.co.mz (no)		
27) Nigeria (Silverplatter)	Nigerian Institute for Oceanography and Marine Research, PMB 12729, Victoria Island, Lagos. (Acting Director Dr B Ezenwa)	niomr@linkserve.com.ng or yohimain@yahoo.com	Positive reply. Requested WINSPIRS software. New contact person Mrs Violet Ohimain, ODINAFRICA Inf. Manager	Sent 24/03/2003 (2002/09) Sent 12/06/2003 archival Sent 23/07/2003 (2003/03) Sent 12/09/2003 (2003/06) Sent 20/11/2003 (2003/09) Sent 13/02/2004 (2003/12) Sent 01/06/2004 (2004/03) Sent 10/02/2005 (2004/09) New CSA CDs + info Sent 28/06/05 (March 05)	Update 2002/09 + Winspurs etc Update 2003/03 Update 2004/03
28) Nigeria (Nisc)	National Institute for Freshwater Fisheries research (NIFFR), PMB 6006, New Bussa, Niger State (Dr. M. Ibeun, Librarian).	moibeun@yahoo.com or gogwimshimang@linkserve.com (Mr Shimang, Director of Fisheries in Federeal Ministry of Agriculture and Rural Development, Ajuba	Contacted by Jean – have a trial NISC. Are expecting CDs Will become ASFA partner sometime in 2004. Is now a partner but will continue to get NISC	Sent by hand with Mr Shimang Sent 8/05/2003(Mar2003) Sent 28/07/2003(Jun2003) Now supplied directly by NISC SA New set of 4 CDs 1971-March 2005 sent 27/07/05	Update June 2003 Has received updates directly from NISC. Sent report 2/3/04 Update June 2004 Update Sept 2004
29) Nigeria (Nisc)	Institute of Oceanography, University of	frankmile@yahoo.com	Questionnaire received.	New set of 4 CDs 1971-	

Country	Institution	Email address	Reply received	CD-ROMs sent	Acknowledged
	Calabar, P.M.B. 1115, Calabar, C.R.S. (contact Dr Francis M Nwosu (Librarian) and Dr Frank Emile Asuquo (Chairman of Library Committee))	fmnwosu@yahoo.com Oceanunical@yahoo.com	NISC contacted and requested to send CDs (10/08/2004)	March 2005 sent 27/07/05	
30) Senegal (Silverplatter)	Centre de Recherches Oceanographiques de Dakar-Thiaroye (CRODT), BP 2241, Dakar. (Papa Samba Diouf-he has left, new person Anis Diallo)	psdiouf@crodt.isra.sn a.diallo@odinafrica.net	PS Diouf has moved to WWF Senegal – still wants? Contact institute again – try new person. Positive reply from Anis Diallo	Sent 22/04/2003 (2002/09) Sent 23/07/2003 (2003/03) Sent 12/09/2003 (2003/06) Sent 20/11/2003 (2003/09) Sent 13/02/2004 (2003/12) Sent 01/06/2004 (2004/03) Sent 10/02/2005 (2004/09) New CSA CDs + info Sent 28/06/05 (March 05)	Update 2002/09 Update 2003/03
31) Senegal (Silverplatter)	Direction de l'Océanographie et des Pêches Maritimes, 1 Rue Joris, BP 289, Dakar. (Mme Arame Ndiaye Keita)	dopm@sentoo.sn or a.keita@odinafrica.net	Emailed twice – no reply. Trying again – 5 June – positive reply. Have now become a partner.	Sent 9/06/2003 (2002/09) Sent 23/07/2003 (2003/03) Sent 12/09/2003 (2003/06) Sent 20/11/2003 (2003/09) Sent 13/02/2004 (2003/12) Sent 01/06/2004 (2004/03) Sent 10/02/2005 (2004/09)	Update 2003/03 Update 2003/12 + report for 2003 Update 2004/09
Sierra Leone (Silverplatter)	Fisheries Department Ministry of Fisheries and Marine Resources, 11 Old Railway Line, Brookfields, Freetown, Sierra Leone (Mohamed Seisay)	mohamedseisay@yahoo.co.uk	Sent info on 2/10/2003 Sent again 20/02/2004 Positive reply – waiting for questionnaire		
32) Tanzania (Silverplatter)	Institute of Marine Sciences, University of Dar-es-Salaam, P.O.Box 668, Zanzibar, Tanzania (Edna Nyika)	nyika@ims.udsm.ac.tz	Yes August 2004 – have become partners	Sent 24/03/2003 (2002/09) Sent 18/07/2003 (2003/03) Sent 12/09/2003 (2003/06) Sent 20/11/2003 (2003/09) Sent 13/02/2004 (2003/12) Sent 01/06/2004 (2004/03) Now a partner, receive direct from CSA	Update 2003/09
33) Tanzania (Nisc)	Tanzania Fisheries Research Institute (TAFIRI), PO Box 9750, Dar es Salaam.	tafiri@africaonline.co.tz	Will be dropped from Jean's project. Do usually reply	Sent 22/04/2003(Dec2002) Sent 8/05/2003(Mar2003)	

Country	Institution	Email address	Reply received	CD-ROMs sent	Acknowledged
	(Catherine Mwakosya)		when CDs arrive	Sent 28/07/2003(Jun2003) Now supplied directly by NISC SA New set of 4 CDs 1971-March 2005 sent 27/07/05	
34) Tchad, Republique du (Nisc)	Commission Economique du Betail, de la Viande et des Ressources Halieutique en Zone Cemac (CECEVIRHA), BP 665, N'Djamena (Gabriel N'Goma)	Oba_opi@yahoo.fr	Contacted at COFI by Jean and Hilary	CDs(Dec2002=archival), relevant documentation given to him. Sent 8/05/2003 (Mar2003) Sent 28/07/2003(Jun2003) Now supplied directly by NISC SA New set of 4 CDs 1971-March 2005 sent 27/07/05	Update March 2003
35) Uganda (Silverplatter)	Fisheries Resources Research Institute, National Agricultural Research Organisation, PO Box 343, Jinja. (Dr JS Balirwa)	firi@infocom.co.ug or kakoolwa@yahoo.com	Yes from firi@firi.go.ug Dr John S. Balirwa	Sent 24/03/2003 (2002/09) Sent 23/07/2003 (2003/03) Sent 12/09/2003 (2003/06) Sent 20/11/2003 (2003/09) Sent 13/02/2004 (2003/12) Sent 01/06/2004 (2004/03) Sent 10/02/2005 (2004/09) New CSA CDs + info Sent 28/06/05 (March 05)	Original 6 CDs Update 2003/03 Update 2003/06 Update 2003/09+ar Update 2003/12
36) Uganda (Nisc)	Lake Victoria Fisheries Organization, P.O.Box 1625, Jinja. (Mr Thomas Maembe, Exec. Sec., Jacob Meme Ikilenya is contact person – COFI 2005 Mr Ikilenya has left, will notify when new person appointed)	maembe@lvfo.org or meme@lvfo.org	Will contact before sending CDs – is a new Exec. Sec. Received positive reply	Sent 22/04/2003(Dec2002) Sent 8/05/2003 (Mar2003) Sent 28/07/2003(Jun2003) Now supplied directly by NISC SA New set of 4 CDs 1971-March 2005 sent 27/07/05	COFI 2005 – spoke to Thomas Maembe – do get CDs
37) Zambia (Nisc)	Central Fisheries Research Institute Library, PO Box 350100, Chilanga (Mr Sichinga)	piscator@zamnet.zm or sichingabm@yahoo.com.uk	Contacted by Jean – expecting CDs (NB – were contacted in initial phase by never replied)	Sent 14/04/2003(Dec2002) Sent 8/05/2003 (Mar2003) Sent 28/07/2003(Jun2003) Now supplied directly by	

Country	Institution	Email address	Reply received	CD-ROMs sent	Acknowledged
				NISC SA New set of 4 CDs 1971- March 2005 sent 27/07/05	
38) Zimbabwe (Nisc)	Lake Kariba Fisheries Research Institute PO Box 75, Kariba, Zimbabwe (Wilson Mhlanga)	wmlhanga@africaonline.co.zw or lkfri@africaonline.co.zw	Contacted via FAO Fisheries officer Sept 2003. Are interested in participating. Sent info 2/10/2003. Positive reply	Sent 5/12/2003 June 2003 + archival Now supplied directly by NISC SA New set of 4 CDs 1971- March 2005 sent 27/07/05	Update June 2004
39) Zimbabwe (Internet access)	University of Zimbabwe Library (Dr B. Mbambo)	bmbambo@uzlib.uz.ac.zw	Sent info by email 28/04/2004. Questionnaire received. CSA contacted, request for IP address sent. No reply. In June 2005 contacted Brian Marshall in Zoology Dept. Positive reply.		

Appendix 2

Table of second phase rest of the world potential recipients

Country/language	Institution	Email address	Contacted	Information received
Asia				
Bangladesh 1 (Silverplatter)	Dr Niamul Nasser, University of Dhaka	mnaser@udhaka.net	Sent email 04/08/2003 CDs sent 05/09/2003 Sent 2003/09 (20/11/03) Sent 2003/12 (13/02/04) Sent 2004/03 (2/6/2004)	Positive reply. Completed questionnaire. Want CDs. Problem – CDs not yet delivered 04/12/2003. FAO Office

Country/language	Institution	Email address	Contacted	Information received
			Requested further info – suggested AGORA and technical reports CD-ROM Sent 2004/09 (10/2/05) New CSA CDs + info Sent 28/06/05 (March 05)	contacted by Richard G. Seems to be resolved 17/12/03 Acknowledged 2004/03 Acknowledged 2004/09
Bangladesh 2 (Silverplatter)	Dr MD. Abdul Wahab, Faculty of Fisheries-initial contact. Send to Librarian, Bangladesh Agricultural University (BAU), Mymensingh 2202	wahabma@bdonline.com library@bau.sdnbd.org Tel. no.+8809152352	Sent email 04/08/2003 CDs sent 26/09/2003 Sent 2003/09 (20/11/03) Sent 2003/12 (13/02/04) Sent 2004/03 (2/6/2004) Sent 2004/09 (10/2/05) New CSA CDs + info Sent 28/06/05 (March 05)	Positive reply – Want CDs sent direct to the library Acknowledged 2004/03
Cambodia	Him Bunthay, Library Management, Inland Fisheries Research and Development(IFDeDI), Department of Fisheries, Ministry of Agriculture, Forestry and Fisheries, Phnom Penh	ifredilib@online.com.kh	Sent info 27/09/2004	
Georgia (Silverplatter)	Mr Oleg Shatberashvili Georgian Research Institute for Scientific and Technical Information (TECHINFORMI), 47 Kostava St, 0179, Tbilisi	Contact via FAO Officer Mr Mamuka Meshki. Email: faogeorgia@gol.ge Or contact person Nelli Makhviladze, email isbi@tech.org.ge or	Sent info to FAO 22/09/03. Send CDs via FAO to Department of Industry and Agriculture Information (librarian Eva Pevlovich but	Reply from FAO – will pass on info. Received positive reply and questionnaire. Want CDs 2003/09 acknowledged

Country/language	Institution	Email address	Contacted	Information received
		argo@tech.org.ge	contact person Nelli Sent Cds 09/10/2003 Sent 2003/09 (20/11/03) Sent 2003/12 (13/02/04) Sent 2004/03 (2/6/2004) Sent 2004/09 (10/2/05) New CSA CDs + info Sent 28/06/05 (March 05)	Update acknowledged Update acknowledged
India (Silverplatter)	Ramya, International Collective in Support of Fishworkers, 27 College Road, Chennai, 600 006 tel no. 91-44-2827 5303/2822 3630	icsf@vsnl.com	Sent email 9/6/2003 Sent CDs 12/06/2003. Sent 2003/03 (05/08/03) Sent 2003/06 (12/09/03) Sent 2003/09 (20/11/03) Sent 2003/12 (12/02/04) Sent 2004/03 (2/6/2004) Sent 2004/09 (10/2/05) New CSA CDs + info Sent 28/06/05 (March 05)	Positive reply – completed questionnaire received. Want CD-ROM version. Acknowledged by Ramya 03/2003 acknowledged 06/2003 acknowledged
Indonesia 1 (no longer receiving)	Dr Suhbat Nurahakim, Director, Central Research Institute for Capture Fisheries (Pusat Penelitian Perikanan Tangkap), Jl. Pasir Putih 1, Ancol Timur, Jakarta-Utara	purispt@indosat.net.id	Sent email 9/6/2003 Sent CDs 05/08/2003 Sent 2003/06 (16/09/03) Sent 2003/09 (20/11/03)	Positive reply – completed questionnaire. Want CD-ROM version Do not use CDs – ask them to pass it on to the Centre for Scientific Documentation and Information of the Indonesian Institute of Sciences – no need. Have supplied new copy

Country/language	Institution	Email address	Contacted	Information received
Indonesia 2 (Silverplatter)	Dr Ketut Sugama, Director, Central Research Institute for Aquaculture (Pusat Penelitian Perikanan Budidaya), Jl. KS Tuban, Slipi, Jakarta- Pusat	sugama@indosat.net.id	Sent email 10/6/2003 Sent CDs 05/08/2003 Sent 2003/06 (16/09/03) Sent 2003/09 (20/11/03) Sent 2003/12 (19/02/04) Sent 2004/03 (2/6/2004) Sent 2004/09 (10/2/05) New CSA CDs + info Sent 28/06/05 (March 05)	Positive reply – completed questionnaire. Want CD-ROM version Acknowledged update 2003/06
Indonesia 3 (Silverplatter)	Centre for Documentation and Information, Indonesian Institute of Sciences, Jl. Jend. Gatot Subroto 10, Jakarta 127910 (Ms. Sri Hartinah)	srihartinah@pdii.lipi.go.id	Sent CD set (2003/12) + software (19/02/04) Sent 2004/03 (2/6/2004) Now a partner, getting directly from CSA	Arranged by Richard Grainger when on mission to Indonesia Update acknowledged
Iraq (Silverplatter)	Mr I.M. Abdul-Sahib, Head, Marine Information Section, Marine Science Centre, University of Basrah, Basrah		Received request from IOC to help. Sent CDs, letters 22/01/2004 Sent 2003/12 (25/02/04) Sent 2004/03 (2/6/2004) Sent 2004/09 (10/2/05) New CSA CDs + info Sent 28/06/05 (March 05)	Want CDs
Laos (French) (Internet)	Library, LARReC (Living Aquatic Resources Research Centre), PO Box 9108, Vientiane, LAO PDR	Contact person Kaviphone Phouthavongs. Email larrec.info@laopdr.com or Ptvkavi@hotmail.com Trying the Director of the Centre, Xaypladeth	Done by Richard Pepe Sent query 08/10/2003 Sent query and info 27/09/2004	CSA contacted and access via Internet set up but don't know if still used

Country/language	Institution	Email address	Contacted	Information received
		Choulamany		
Maldives (English) (Internet)	Mr Ahmed Hafiz, Director, Marine Research Centre, Ministry of Fisheries, Agriculture and Marine Resources, The Maldives	email marine@fishagri.gov.mv	Faxed questionnaire to them 30/01/2001 Sent query 02/10/2003. Contacted again in July 2004 – now definitely have access via Internet	Reply received by email. CSA contacted. Have Internet access in Library. Contact person is Ms Zaha Waheed, Senior Research Officer
Pakistan (English) (Internet)	Ashraf Tanvir, Director Scientific Information, National Agriculture Research Center, P.O. Box NARC, Park Road, Islamabad	Email: SIU@dsi-narc.sdnpk.undp.org (does not work) Use dsinarc@comsats.net.pk	Done by Richard Pepe in Feb 2000 Sent query 09/10/2003	Not on CSA's list in Sept 2003 Want to be reinstated. Richard asked CSA to do this 13/11/2003
Philippines 1 (English) (Internet)	Mrs Lourdes David, Head, College of Science Library, University of the Philippines, Diliman, 1101 Quezon City, Philippines	Email: ltd@mail.cslib.upd.edu.ph or lourdes.david@up.edu.ph	Letter and questionnaire sent. Sent query 02/10/2003 Resent 14/10/2003 as first address does not work	Reply received. CSA contacted. Have Internet access in Library. Contact person is Mrs Lourdes David, Head Librarian Replied that she has been transferred but will send info to new person
Philippines 2 (Silverplatter)	Amelia T Arisola SEAFDEC Library SEAFDEC Aquaculture Department Tigbauan	Tel. 63-33 335-1009 Email: library@aqd.seafdec.org.ph Brief report and suggestion	Amy contacted us in Aug. 2003. Their funding had been stopped and she requested to join the	Received completed questionnaire. Want CDs Acknowledged set. Acknowledged 2003/09 and sent report

Country/language	Institution	Email address	Contacted	Information received
	Iloilo 5021 PHILIPPINES	received 5 April 2005	project. CDs sent 16/09/2003 Sent 2003/09 (20/11/03) Sent 2003/12 (12/02/04) Sent 2004/03 (2/6/2004) Sent 2004/09 (10/2/05) New CSA CDs + info Sent 28/06/05 (March 05)	Acknowledged 2003/12 Acknowledged 2004/09 Acknowledged new set
Sri Lanka (English) (Internet)	National Aquatic Resources, Research and Development Agency, Crow Island, Colombo 15, Sri Lanka	Email postmast@nara.ac.lk	Questionnaire sent. Sent query 02/10/2003	Reply received. CSA contacted. Have Internet access in library. Contact person is Mrs S Thalakada, Librarian
South/Central America				
Colombia (Spanish) (Silverplatter)	Doctor Arturo Enrique Vega Varón, Gerente General, Instituto Colombiano de Desarrollo Rural (INCODER), Av. El Dorado Antiguo, Edificio Incora CAN, Bogotá	Tel no: 0057 1 2224088 E-mail: incoder@incoder.gov.co	Taken by Jose in Nov 2003 – 3 letters, incl. questionnaire + CDs Sent 2003/12 (11/03/04) Sent 2004/09 (10/2/05) WINSpurs missing – want replacement – decided they wanted Internet.	Agreement signed. Acknowledged receipt of CDs (incl.to June 2003) Want Internet in the future when all is set up Contact person in library Maria Rocio Ramirez Castilla Acknowledged 2004/09
Ecuador (Spanish) Have now become ASFA input centre so no longer receive	Instituto Nacional de Pesca, Letamendi 102 y la Ría, Guayaquil, Ecuador	inp3@ecua.net.ec	Questionnaire sent, reply received. CSA contacted	Have internet access in library. Contact person: Dolores Marin López (librarian)

Country/language	Institution	Email address	Contacted	Information received
Nicaragua (Spanish) (Silverplatter)	Centro de Documentación CIPA, AdPesca, Costado Este Hotel Inter- Metrocentro, Managua (Sergio Martínez or Brenda Brenes/lib. Now Manuel Perez Moreno, Director)	cipa@mific.gob.ni or semarca@hotmail.com or Brenda.Brenes@mific.gob.ni	Sent email 13/08/2003 Sent again 16/09/2003 Sent CDs incl. 2003/12 + software 26/02/2004 Sent 2004/03 (2/6/2004) Sent 2004/09 (10/2/05) New CSA CDs + info Sent 28/06/05 (March 05)	Positive reply – received questionnaire. Delivery via FAO Office. Update acknowledged Update acknowledged Acknowledged receipt
Venezuela (Spanish) (CSA CDs)	Biblioteca Servicio de Información, Documentación y Biblioteca Instituto Nacional de Investigaciones Agrícolas (INIA) Jose Alio	jalio@inia.gov.ve	Sent new CSA Cds (March 2005, archive CD + info) 21/07/05	Received questionnaire. Delivery direct
Oceania English) (Internet)	Forum Fisheries Agency , PO Box 629, Honiara, Solomon Islands. Tel. (677) 21124, Fax (677) 23995.	Contact person: Norman Kapun, Information Technology Manager, email: norman.kapun@ffa.int Now contact person is Ben Hall, email: ben.hall@ffa.inf	Mr Teo, FFA, Honiara, Solomon Islands. Questionnaire sent by email but not yet returned. Recontacted in Sept 2003. Sent letter of participation 08/10/2003	Norman Kapun of the FFA requested Internet access on 28/02/2002. CSA contacted to set it up but never done. Reply in 2003 that they are still interested – questionnaire arrived. Asked CSA to connect them.
Kiribati (English)			Access via FFA	
Papua New Guinea (English)			Access via FFA	
Samoa (English)			Access via FFA	

Updated 18/08/2005

Country/language	Institution	Email address	Contacted	Information received
Solomon Is (English)			Access via FFA	
Tuvalu (English)			Access via FFA	
Vanuatu (English)			Access via FFA	