

SPC  
639.2099  
REG  
1996  
CI

SPC/Fisheries 26/Information Paper 11  
6 August 1996

ORIGINAL: ENGLISH

## SOUTH PACIFIC COMMISSION

### TWENTY-SIXTH REGIONAL TECHNICAL MEETING ON FISHERIES (Noumea, New Caledonia, 5-9 August 1996)

#### WOMEN'S FISHERIES DEVELOPMENT SECTION

##### Supporting Women in Fisheries

(Paper prepared by the Secretariat)

The concept of "women in fisheries" continues to baffle and amuse those who believe that fisheries is the exclusive domain of men. The view is that men using an array of gear and employing techniques requiring dexterity catch fish. Women, on the other hand, do not catch fish but merely walk along the reef picking up shell fish by hand. This generalization of women's involvement in fisheries is based on the restricted definition of what entails "fisheries". There is a saying "men only catch fish, while women do everything else" which refers to the active role women play in the preparation and sale of marine resources. Studies by Schoeffel (1985), Chapman (1987), Mathews (1991), the Commonwealth Secretariat (1989, 1990) and others have shown that many women do catch fish using pole and lines, nets and other techniques employed by men. In addition, they are responsible for gutting, drying, salting, and preparing the catch for preservation and consumption, and are in most island countries, exclusively responsible for the marketing of the catch.

However recognizing that women play a significant role in the fisheries sector, does not necessarily mean that they are accorded the support required for development. This paper takes a look at the rationale for supporting women in fisheries, looks at the type of assistance required, provides suggestions of support, examples of national and regional initiatives, and areas for future development.

##### *Supporting Women in Fisheries - Why Bother?*

In countries of the region, the subsistence fishing carried out by women; catching lagoon resources primarily for the family diet, is not seen as a priority development area. With limited finances to support development initiatives, the tendency of national planners, tends to be investing research, training, equipment, and credit resources into developing commercial, export oriented fishing activities. The aim is in encouraging activities that will bring in income for the country. Figures documenting the contribution of commercial fisheries to national revenue justify the support provided each year.

However, a closer look at the activities of women shows that women contribute not only to the national revenue of many island countries, but contribute to the well being of the population as a whole, as detailed below:

### **1. Commercial value of women's fishing activities**

In many island countries, women harvest marine resources of commercial value. These resources include beche de mer, trochus, black pearl oysters and freshwater clams. Indeed in countries with limited tuna and other deep sea resources, the financial contribution to the national budget from such resources as trochus and black pearl oysters may be significant.

### **2. The provision of protein to the diet**

Women tend to fish every day, while men fish less often. In some instances women's fish collection may actually contribute more substantially to Pacific Island diets than men (Mathews, 1991). In countries with access to limited or expensive meat and dairy resources, there is a dependence on the dietary protein provided by shell fish, crustaceans, seaweeds, and reef fish caught by women.

### **3. The importance of coastal subsistence fisheries**

According to Ram-Bidesi (1994), the subsistence sector (to which women's fisheries belong) supports more than three and a half million people in the Pacific today, almost two thirds of the region's entire population. Figures for the mean annual coastal fisheries production of the region from 1989 to 1994 show total subsistence catch of 83,914 tonnes to be nearly four times that of the total commercial catch at 24, 325 tonnes (Dalzell, Adams and Polunin, 1995).

### **4. Fisherwomen as resource banks of information**

Because they fish on a daily basis, women possess a vast knowledge of the biology and ecology of marine resources. Their knowledge of local distribution, relative abundance, catchability and daily seasonal variability of resources, appropriate procurement techniques and inter-relationships between these factors is their forte and outside the domain of most men's expertise (Chapman, 1987). For this reason, Botkin 1980 in Chapman 1987 has recommended that in Fiji, women rather than men should be consulted about fisheries matters.

### **5. The co-operation of women as resource users to achieve sustainable development**

Possibly every national fisheries development plan in the region will include the goal of developing and managing fisheries resources on a sustainable basis. However, the tendency may be on gathering data solely on the dynamics of resources (population, distribution, life cycles) while forgetting the role of resource users in exploiting the resources. Where there is research carried out on the habits of resource users, it may only focus on fishermen. In order to get a comprehensive view of resource exploitation, the activities of both fishermen and fisherwomen must be taken into consideration. The promotion of sustainable development requires both comprehensive data, as well as the participation of all resource users. In this respect two way communication is necessary between the resource users and the resource managers.

Accepting that women in fisheries are worthy of support leads to the next step of determining the type of support required by them.

### ***What do Women in Fisheries Want?***

In many countries it may be difficult to ascertain what support women in the fisheries sector actually require. Written information documenting their activities may be absent and oral information sketchy. In addition, there may be little interaction between fisheries departments, women's government and non government agencies, and fisherwomen.

However, a number of countries and organizations in the region have carried out research to determine the needs of women in fisheries. Feedback from fisherwomen concerning the type of assistance required from fisheries departments includes information on alternative fishing techniques, provision of fishing gear, credit, training in marketing and management skills, and the improvement of market facilities.

The availability of transport to the market and restaurants to sell marine products is a common problem facing women. Transportation to the collection area is also a problem for women as they have limited or no access to fishing boats. In addition, storage and processing facilities are lacking in many countries. Women would like to market more than they do but lack the facilities to store and prepare quality seafood products.

Assistance can therefore be classified into two areas; the provision of information and training, and the provision of support services including credit, equipment and the infrastructural services of transport, storage and processing facilities.

### ***Where to Begin? National Initiatives***

Once the decision has been taken by national government to support women in fisheries, the challenge is to decide where to begin. Over the past 18 months a number of fisheries departments have contacted the SPC Women's Fisheries Development Project for assistance in incorporating the interests of women within fisheries development programmes.

A look at national support initiatives taken by such countries as Papua New Guinea and Tuvalu show that the first step taken has been in holding a round table meeting of fisherwomen, and representatives of fisheries, internal affairs, development ministries and women's government and non government agencies to determine the ways in which women in the fisheries sector can be provided with assistance. Such meetings have led to the formulation of a policy geared to encouraging the development and support of women in fisheries activities. The input of women's organizations such as the National Council of Women has been beneficial in developing such a policy. However, a policy in itself is not of benefit unless there is a formal mechanism for implementing policy strategies.

In Papua New Guinea there is the "Women in Fisheries Development Project Steering Committee" which acts as a formal decision making body for implementing the work programme in support of women's activities. Working closely with the National Council of Women, and the Department of Religion, Home Affairs and Youth, the National Fisheries Authority has brought together the technical expertise of fisheries personnel and the networking of women's organizations to provide training to village women in developing income generating ventures.

Tonga is another country which has taken formal steps within the fisheries department. The Tonga Ministry of Fisheries has been structured to include a unit responsible for "women's development". Since its establishment in 1989, the unit has been involved in executing extension work in the rural areas for both men and women, (Ngahe, 1995).

Where countries may lack a formal policy and mechanism for supporting women's projects in fisheries, assistance may be provided on an adhoc basis.

Fisheries Departments tend to form links with fisherwomen through the provision of training programmes. Examples include the provision of workshops on freshwater clam (Fiji), beche de mer (Vanuatu) and post harvest handling (Kiribati and the Solomon Islands). However, although training is extremely beneficial, attention must be made to ensure that support services are available. For example, there is no point teaching women how to process fish and market fish if ice is not readily accessible and market facilities non-existent.

In addition, the provision of training on setting up a seafood business is not feasible if there are no credit schemes available to provide loans to potential business women. The task then is to ensure that support services are in place (access to water, fuel, transport, credit and equipment) in order to implement the knowledge gained through training.

In order to make women more self-sufficient, countries have encouraged income-generating activities. Examples of such ventures include clam farming (Solomon Islands, Palau), prawn farming (Solomon Islands), seaweed farming (Kiribati, Fiji), freshwater clam fishing (Fiji), tilapia farming (Fiji), beche de mer fishing (Papua New Guinea, Vanuatu and Tonga).

### ***How can the SPC Women's Fisheries Development Project provide Support?***

A progress report of the activities of the SPC Women's Fisheries Development Project (WFDP) shows that the type of support provided over the last 18 months has tended to be in four main areas; providing a mechanism for regional networking, providing technical advice to fisheries governments on supporting women in fisheries activities, supporting research into collecting information on the activities and needs of women in fisheries; and the provision of training.

However, although information concerning the services of the WFDP have been distributed to all the member countries of the region, requests for assistance tend to come from about a third of member countries. With the Project ending in February 1997, the question is whether member countries feel there is a need to continue with the Project.

Should member countries decide that the Project should be extended beyond February 1997, donor funds will be needed to support continuation. With Canadian funding ending, other donors have been approached for assistance. Unfortunately, to date, donors appear to be interested in providing only short-term support for example offering to finance a national or regional workshop. However, if deemed necessary by member countries, every attempt will be made to secure continued funding for the Project.

Although the future work programme of the Project will need to be guided by the member countries, possible suggestions for future activities include the following:

1. Research through the carrying out of in-depth country assessments to collect both qualitative and quantitative data on the role of women in the fisheries sector.
2. The provision of training programmes.
3. In-country training attachments. Where necessary, attachments for women to undertake specialized training in other countries can be arranged by the Project. In addition, the transfer of technical expertise from one country to teach in another can be encouraged.
4. The maintenance of a regional network of information exchange. One mechanism for the exchange of ideas, knowledge and experience concerning the participation of women in fisheries is the creation of a Special Interest Group newsletter.

On the other hand, should member countries feel that the WFDP is of low priority then there are a number of avenues that can be explored. Apart from terminating the Project altogether, one option is for the Project to be merged into an existing Coastal Fisheries Project. A second option is for the Project to be merged into an existing Commission Programme. The activities of women in fisheries include issues of health and nutrition, household food security, and women in development and as such the possibility of transferring the Project to another Programme is worth exploring.

Whatever the outcome, ideally, one would hope that the ultimate decision concerning the future of regional support to women in fisheries is made by fisheries departments in collaboration with fisherwomen, and representatives of women's government and non government organizations.

## **BIBLIOGRAPHY**

Ariyal, P. Gena, J. "Policy Issues in the Role of Women in Development: The Case of Fisheries in Papua New Guinea" paper reproduced in Commonwealth Secretariat Report of a Consultation on the Role of Women in Small-Scale Fisheries in the South Pacific, 18-24 October 1989.

Billy, A. "Country Profile - Solomon Islands" paper presented at the Asia/Pacific Workshop on the Role of Women in Fisheries Development, Iloilo City, Philippines, 17-21 July 1995.

Chapman, M. 1987 "Women's Fishing in Oceania", *Human Ecology* 15(3): 267-288.

CIDA, (1993) "Women and Fisheries Development". Report, January 1993.

Commonwealth Secretariat, April 1989 "The Role of Women in Small Scale Fisheries in the South Pacific".

Commonwealth Secretariat, Feb. 1990 "Report of Consultation on the Role of Women in Fisheries in Small-Scale Fisheries in the South Pacific, 18-24 October 1989.

Dalzell, P., Adams, T., Polunin, N. 1995 "Coastal Fisheries of the South Pacific", paper presented at the Joint FFA/SPC Workshop on the Management of South Pacific Inshore Fisheries, South Pacific Commission, Noumea, New Caledonia, 26 June - 7 July 1995.

Fakahau, S. "Involving Women in Small-Scale Fisheries Development - Tonga". Consultation on the Role of Women in Small-Scale Fisheries in the South Pacific 18-24 October 1989.

Mathews, E. 1991 "Women and Fishing in Traditional Pacific Island Cultures", paper presented at the 23rd Regional Technical Meeting on Fisheries, South Pacific Commission, Noumea, New Caledonia, 5-9 August 1991.

Ngahe, M.S. "Country Report - Kingdom of Tonga". Asia/Pacific Workshop on Fisheries Development, Iloilo City, Philippines, 17-21 July 1995.

Ngahe, S., Wichman, V. "Women in Fisheries - The Kingdom of Tonga". South Pacific Commission's Women's Fisheries Development Project, November 1995.

Ram-Bidesi, V. "Course notes for Women and Fisheries Module, IOI - South Pacific Workshop on the Management and Development of Coastal Fisheries, 1994."

Schoeffel, P. 1985 "Women in the fisheries of the South Pacific" in *Women in Development in the South Pacific: Barriers and Opportunities*. Development Studies Centre, Australian National University, Canberra, Australia.

South, R. 1994 "Women in Fisheries with specific reference to the South Pacific", paper presented at the NGO Islands Forum '94 on Sustainable Development of Small Island States, Barbados, 27 April 1994.

Steele, S. 1991 "Women in Fisheries Development" paper presented at the 23rd Regional Technical Meeting on Fisheries, South Pacific Commission, Noumea, New Caledonia, 5-9 August, 1991.

Tekinaiti, T. "Kiribati Report presented during the Regional Workshop on the Role of Women in Fisheries Development". Iloilo City, Philippines, 17-21 July 1995.

Tekinaiti, T. and Wichman, V. "Women in Fisheries - Republic of Kiribati". South Pacific Commission's Women's Fisheries Development Project, October 1995.

Vereivalu, T. "The of Women in Fisheries Development in Fiji". Paper presented at the Asia/Pacific Workshop on the Role of Women in Fisheries Development, Iloilo City, Philippines 17-21 July 1995.

Women's Fisheries Development Project. "Duty Travel Report for Vanuatu, Solomon Islands and Fiji, 2-11 April 1995".

Women's Fisheries Development Project. "Duty Travel Report for Papua New Guinea, 10-24 June 1995".

---