

Indonesia - Empowering Women in Small-Scale Fisheries for Sustainable Food Systems

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Report generated on: December 7, 2023

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Identification

SURVEY ID NUMBER

IDN_2022_EWSFSFS_v01_EN_M_v01_A_OCS

TITLE

Empowering Women in Small-Scale Fisheries for Sustainable Food Systems

COUNTRY

Name	Country code
Indonesia	IDN

STUDY TYPE

Agricultural Survey [ag/oth]

ABSTRACT

To support sustainable food systems and nutrition, the Norwegian Agency for Development Cooperation (NORAD) provided funding to the FAO to support initial project activities in five countries (Sierra Leone, Malawi, Ghana, Uganda, Tanzania) with a focus on strengthening women's roles in the small-scale fisheries post-harvest sector between 2020-2021. In extension to this project, the FAO Flexible Voluntary Contributions fund (FVC) provided funding from 2021-2023, expanding the project implementation to four more countries (Indonesia, Madagascar, Namibia and the Philippines) for a total of nine countries. The project conducted a baseline survey as well as a needs assessment and mapping of women's organizations. Three surveys were developed to capture information from various stakeholders for the baseline, plus one survey for the mapping and needs assessment:

Baseline Individual/Household level Survey: The baseline study conducted for this project included individual intercept surveys targeting women as actors in small-scale fisheries value chains. The purpose of the survey was to understand both the individual respondent (i.e., the woman) and her household's involvement in fisheries, how they acquire and consume fish, their experiences of food security and dietary practices, and participation in fisheries governance and organizations. Approximately 300 women were surveyed per country. This study was conducted for baseline monitoring and evaluation of the FVC project "Implementing the Small-Scale Fisheries Guidelines for Gender-Equitable and Climate-Resilient Food Systems and Livelihoods" (FMM/GLO/155/MUL).

Baseline Focus group discussions: Focus group discussions were held in each landing site alongside data collection using other survey instruments. The purpose of the focus group discussions was to elicit qualitative data reflecting the opinions of women from the same fish landing sites on key issues affecting their work, status, and roles in the sector. This included their opinions of discrimination or harassment against women, their voice in decision-making and ability to influence fisheries governance, changes in gender relations over time, and their access to training, facilities, and assets needed to conduct their fisheries activities. This study was conducted for baseline monitoring and evaluation of the FVC project "Implementing the Small-Scale Fisheries Guidelines for Gender-Equitable and Climate-Resilient Food Systems and Livelihoods" (FMM/GLO/155/MUL).

Baseline Key Informant Interviews with Individuals (with policy-level influence in the small-scale fishing sector): The baseline study conducted for this project included key informant interviews with those in policy, programme, or other similar levels of sector influence (e.g., Policy Makers, Government, Projects, Programmes working on social and health interventions in fishing communities). The purpose of the key informant interviews was to understand the opinion of respondents on local diet and eating patterns of the community, women's empowerment, and facilities that serve fish workers. In addition, the questions sought to gain an understanding of what is already known at decision-making levels in regards to the FAO SSF Guidelines and knowledge of fishing community's capacity building needs and how learning and technological change occurs. This study was conducted for baseline monitoring and evaluation of the FVC project "Implementing the Small-Scale Fisheries Guidelines for Gender-Equitable and Climate-Resilient Food Systems and Livelihoods" (FMM/GLO/155/MUL).

Organizational level Mapping and Needs Assessment: The purpose of the survey is to enhance understanding of where women are organized in small-scale fisheries (or 'map' them both geographically and within the value chain) and what their present organizational characteristics, capacities, and needs are. Data were collected and analyzed to recommend interventions to enhance women's organizational capacities and to work towards greater gender equality in fish value chains. The survey covers organizational-level characteristics (i.e., not individual members) of women's small-scale fishery organizations (defined as formal or informal organizations whose members and leaders are majority women who work in the small-scale fishing sector). Data collection entailed 3-5 members of one women's organization meeting and collectively

answering the survey questions regarding the characteristics of their organization. The survey included questions about group structure, characteristics, and history as well as participation in the value chain, membership benefits, external linkages, and greatest needs.

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Individuals, Households, Focus Groups, Organizations

Scope

NOTES

The individual-level survey uses a semi-structured survey instrument that includes: Profile of their household's characteristics - Participation in fisheries activities (individual and household) - Fisheries assets owned - Roles in household decision-making around fish-related activities - Experience with food insecurity (Food Insecurity Experience Scale- FIES) - Dietary Diversity (Minimum Dietary Diversity for Women - MDD-W) and fish consumption practices - Post-harvest processing procedures - Participation in fisheries governance and organizations - Gender attitudes about work and decision-making in fisheries and the household.

The focus group discussion survey instrument covered the following topics: Diet, foods eaten - Activities in SSF - Gender-based discrimination - Empowerment and voice in decision-making - Changes in gender relations over time - Access to assets through facilities at landing and marketing sites - Female-led organizations - Capacity building received or areas felt to be important.

The key informant interview uses a semi-structured survey instrument that includes: - Profile of the respondent's position and knowledge of gender issues and policy in fisheries - Assessment of local diet and food access issues - Roles in household decision-making around fish-related activities - Access to productive assets in fishing - Access to fisheries extension services - Post-harvest processing procedures - Women's fisheries organizations - The respondent's personal gender attitudes about work and decision-making in fisheries and the household.

The scope of the Mapping Assessment of Women's Small-scale Fisheries Organizations covers the following organizational characteristics: Group structure location and structure: registration status and location, type of organizations, water body type, administrative structures in place - Group age and stage of activity: Year group formed, history of group formation, level of activity - Rules: Presence of different internal rules - Group characteristics: size, gender ratio, level of participation - Internal communication and meetings: information sharing, frequency and types of meetings - Assets: Types of fisheries assets owned - Value chain activities: Activities in pre-harvest, harvesting, and post-harvest processing and trade - Post-harvest processing: Fish drying methods and related challenges - Finances: Sources of internal funding, grants received - Membership benefits, group strengths and barriers to success: types of member benefits, self-reported strengths, and barriers to success - External linkages: Linkages to other women's groups and to the government - Participation in fisheries governance: Participation in formal governance activities and access to extension services - Training: Types of technical training received - Greatest needs: Self-reported greatest need to increase group's capacity to do their work

Coverage

GEOGRAPHIC COVERAGE

East Java (Banyuwangi)

UNIVERSE

Individual/Household level: Women who work in small-scale fishing value chains (harvest, post-harvest processing or trade).

Focus groups: Women who work in small-scale fisheries.

Individuals (with policy-level influence in the small-scale fishing sector): Policy-level actors in the fishing sector. This includes government and non-governmental personnel working in fisheries, environment, or gender and development themes that impact fishing communities.

Organizational level: Women's small-scale fisheries organizations, whether formally registered or informally operating. This was defined as an organization whose members and leaders are majority women engaged in small-scale fisheries activities

(whether harvesting or post-harvest processing and trade).

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Molly Ahern	Food and Agriculture Organization

PRODUCERS

Name	Affiliation	Role
Nicole Franz	Food and Agriculture Organization	LTO

FUNDING AGENCY/SPONSOR

Name	Role
FAO Flexible Voluntary Contributions	Funder

Sampling

SAMPLING PROCEDURE

Individual/household level: - Sample size: 300 individuals per country - Selection process: Surveys were conducted as intercept surveys at fish landing sites, markets and within fishing communities. - Stratification: By district and landing site. The target number of surveys per country (300) was divided by the number of landing sites chosen for the study.

Focus groups: - Non-random sample of women chosen opportunistically (based on availability) to participate in a small group, focus group discussions. Typically 2 focus group discussions were held in each district or region where data collection occurred for the larger, baseline assessment of the project. Individuals (with policy-level influence in the small-scale fishing sector):

Survey sampling for key informant interviews was purposive, selecting individuals who were known to be knowledgeable about relevant policy issues impacting fishing communities that were of interest to the project (e.g., nutrition, gender issues, leadership, decision-making). These individuals were identified based on the expert knowledge of the National Project Coordinator with input from the government and influential local leaders. Approximately 10 key informants were surveyed per country, with 1-3 individuals interviewed per district/region.

Organizational level: - Varied by country, ranging from approximately 40-60 organizations. - Selection Process: This survey was not a random sample or stratified sample of organizations. However, efforts were made to ensure the survey was representative of organizations in each country and the districts chosen for surveying. To ensure this, prior to implementing the survey a combination of existing information on women's fisheries organizations was used (e.g., registries, lists, expert knowledge), and where needed, background data was collected on the number of women's small-scale fisheries groups in each district. After this, background and existing data were collected, we used this estimate of the population of organizations in each district. Based on these estimates of the population of organizations, we applied the sampling protocol (described below) to determine the target number of surveys to be collected in each district. However, surveys were implemented opportunistically in the field with individual organizations that were available and accessible at the time of data collection. Inclusion criteria. To be included in the survey, organizations had to meet the following criteria:

- The group identifies as an organization, either formally registered or informal.
- Membership is majority (more than 50 percent) women.
- Women are an active part of the organization's leadership.
- The majority of group members are engaged in capture fishing and related activities including pre-harvest, processing, and trade of fish or fish products.

The following sampling protocol was applied to the estimated number of women's small-scale fisheries groups in a district (always rounding up to a whole number): Fewer than 7 organizations: do not sample (i.e. survey all groups); - 8-10 organizations: sample 60 percent; - 11-14 organizations: sample 50 percent; - 15-20 organizations: sample 40 percent; - More than 20 organizations: sample 30 percent where possible, 20 percent as needed.

DEVIATIONS FROM THE SAMPLE DESIGN

At the organizational level, the individual groups selected for the survey were not chosen randomly, instead, they were chosen for interviews based on their availability at the time of data collection and ease of contact.

WEIGHTING

None

Data Collection

DATES OF DATA COLLECTION

Start	End
2022-07-20	2022-08-11

DATA COLLECTION MODE

Computer Assisted Personal Interview [capi]

DATA COLLECTION NOTES

Face to face interviews and focus group discussions with Computer-Assisted Personal Interview assisted data collection / entry via KoboCollect Humanitarian Response.

Questionnaires

QUESTIONNAIRES

Individual/Household level: - Questionnaire used: Empowering Women in Small Scale Fisheries for Sustainable Food Systems Individual Questionnaire. - Language: English.

Focus Groups level: - Questionnaire used: Empowering Women in Small Scale Fisheries for Sustainable Food Systems Focus Groups Discussions Questionnaire. - Language: English.

Key Informants Interview: - Questionnaire used: Baseline KII survey - Language: English

Organizational level: - Questionnaire used: Questionnaire Mapping Assessment Women's ssf Organizations. - Language: English. - Questionnaire Design: The questionnaire was designed based on earlier studies conducted in Tanzania. The first draft of the survey was tested in Ghana with 10 organizations. Then the questionnaire was also reviewed by stakeholders in each country where data collection took place and minor changes were made as needed.

Data Processing

DATA EDITING

Individual/household level: Data editing took place at two stages: 1. Enumerators visually checked surveys entered before finalizing the survey entry. 2. The consultant analyzing the data for internal reports made visual checks of the data and needed corrections

Organizational level: Data was entered automatically (no manual data entry) as the survey was collected through the survey software Kobocollect. Data were visually checked in Excel for structure and completeness and during internal analysis (reports written) for the project. No manual data entry took place. Enumerators saved a draft of each completed survey and visually inspected it for accuracy and completeness before later finalizing it and uploading it to the server.

Access policy

CONTACTS

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CITATION REQUIREMENTS

Food and Agriculture Organization of the United Nations. A Baseline Assessment for the FAO - FVC project "Implementing the Small-Scale Fisheries Guidelines for Gender-Equitable and Climate-Resilient Food Systems and Livelihoods" (FMM/GLO/155/MUL) INDONESIA. Dataset downloaded from <https://microdata.fao.org>.

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Metadata production

DDI DOCUMENT ID

DDI_IDN_2022_EWSFSFS_v01_EN_M_v01_A_OCS_FAO

PRODUCERS

Name	Abbreviation	Affiliation	Role
Molly Ahern		Food and Agriculture Organization	Metadata producer
Office of Chief Statistician	OCS	Food and Agriculture Organization	Metadata adapted for FAM

DDI DOCUMENT VERSION

IDN_2022_EWSFSFS_v01_EN_M_v01_A_OCS_v01

Data Dictionary

Data file	Cases	Variables
data_anon_ind	301	285
data_anon_FGD	11	169
data_anon_KII	15	135
data_anon_ORG	10	508