



منظمة الأغذية  
والزراعة  
للأمم المتحدة

联合国  
粮食及  
农业组织

Food  
and  
Agriculture  
Organization  
of  
the  
United  
Nations

Organisation  
des  
Nations  
Unies  
pour  
l'alimentation  
et  
l'agriculture

Organización  
de las  
Naciones  
Unidas  
para la  
Agricultura  
y la  
Alimentación

## COORDINATING WORKING PARTY ON FISHERY STATISTICS

Twenty-third Session

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CWP QUESTIONNAIRE

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**SEAFDEC response to the Questionnaire**





- 1. Whether does your organization maintain IUU list? If yes, please describe the criteria to determine whether a certain vessels/activities to be included in the list.**  
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- 2. Does your organization estimate the amount of catch taken by IUU activities? If so, please describe briefly the estimation procedures.**  
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- 3. Please list the data that the organization collected from member states (including cooperating non-members), their format (e.g. questionnaires) and a set of classifications/codes used.**

Starting in 2009, SEAFDEC has been compiling fishery statistics from the 10 Member Countries in Southeast Asia (Brunei, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand, and Vietnam in collaboration with FAO through the *Streamlined Reporting System of Fishery Statistics from the Member Countries to SEAFDEC and FAO*.

The streamlined reporting of fishery statistics by the Member Countries to SEAFDEC and FAO is envisaged to reduce the burden of Southeast Asian Countries, and minimize certain overlapping of data compiled by the two organizations. Under the streamlined reporting system, the Member Countries are requested to provide fishery statistics based on two sets of questionnaires: 1) Questionnaires for both SEAFDEC and FAO (new and current forms) and 2) Questionnaires for additional information required by SEAFDEC (new and current SEAFDEC forms)

The new set of questionnaires comprises 11 forms developed by SEAFDEC in collaboration with FAO. The set of questionnaires are as follows:

Item	Questionnaire title	Logo(s)	Questionnaire issued by	Questionnaire returned to
Q1	Fishery Production by Sub-Sector		SEAFDEC	SEAFDEC
Q2	STAT-SEAFDEC Capture Production by Species and SEAFDEC Sub-areas		FAO	FAO and SEAFDEC
Q3	Producer Prices for Capture Production by Species		SEAFDEC	SEAFDEC
Q4	Marine Capture Production by Type of Fishing Gear and by Species		SEAFDEC	SEAFDEC
Q5	Inland Capture Production by Water Bodies		SEAFDEC	SEAFDEC
Q6	Number of Fishing Boats by Type and Tonnage		SEAFDEC	SEAFDEC
Q7	Number of Fishing Units by Size of Boat		SEAFDEC	SEAFDEC

Q8	AQ-NS 1 and 9 Forms for Reporting Statistics on Aquaculture of Fish, Crustacean, Molluscs (NS1), and Aquatic Plants (NS9) by Species, Production, Environment and Fishing Area		FAO	FAO (later shared with SEAFDEC)
Q9	Aquaculture Production of Ornamental Fish		SEAFDEC	SEAFDEC
Q10	Seed Production from Aquaculture		SEAFDEC	SEAFDEC
Q11	FISHSTAT FM: Fishers		FAO	FAO (later shared with SEAFDEC)

For the streamlined submission process and mechanism, the agreed time frame for reporting of fishery statistics from the Member Countries in Southeast Asia to SEAFDEC and FAO are:

- End of April - Dispatch of paper and electronic questionnaires (if e-mail address is available)
- 31<sup>st</sup> August - Deadline to return data to FAO and SEAFDEC  
- Send reminders and contacts with countries which have not submitted their data (in collaboration with FAO Representatives and Regional Offices)
- Beginning of March - Updated global capture and aquaculture databases are made available on FAO website through the FISHSTAT+ reference  
- Production of the Fishery Statistical Bulletin of Southeast Asia

SEAFDEC and FAO would coordinate and providing support to the Member Countries in reporting their fishery statistics using the agreed questionnaires and streamlined submission process and mechanism.

Regarding set of classifications and codes used, SEAFDEC developed the “***Harmonization of Standards/Norms, Classification and Definitions of Fishery Statistics and Information in the Region***”.

Since 2004, SEAFDEC has proposed a new Framework for Fishery Statistics of Southeast Asia. The new Framework is envisaged to serve as a comprehensive guide on the “Minimum Requirement” for the Southeast Asian Countries in the development/improvement of national fishery statistics to support sustainable fisheries management and policy planning. In addition, the new Framework which harmonized with the international standards, classifications and definitions would also be used as a coordinated structure to facilitate the compilation and sharing statistics and information from all Southeast Asian Countries and contribute to the analysis of fishery statistics and information in order to provide a clearer picture on the fishery sector at the regional and global levels.

Under the Framework for Fishery Statistics of Southeast Asia, standard and norms classifications and definitions of fishery statistics includes the following:

### ***I. Statistics on Capture Fisheries***

#### **A. Marine Capture Fishery**

- Coverage and Definition
- Marine Capture Production
  - Unit of Measurement
  - Statistics on Marine Capture Production
- Fishing Boat
  - Coverage
  - Classification
- Fishing Units
  - Coverage
  - Classification
- Fishers
  - Coverage
  - Classification

#### B. Inland Capture Fishery

- Coverage and Definition
- Inland Capture Production
  - Unit of Measurement
  - Statistics on Inland Capture Production
- Fishers
  - Coverage
  - Classification

#### ***II. Statistics on Aquaculture***

- Coverage and Definition
- Aquaculture Production
  - Unit of Measurement
  - Statistics on Aquaculture Production
- Artificial Seed Production
- Aquaculture Unit
- Area under Culture
- Fish Farmers

#### ***III. Statistics on Fish Price***

- Coverage
- Definition
- Unit of Price

In addition, the following classifications are included in the Framework:

- a. Classification of Fishing Areas
  - Marine Fishing Areas
- b. Classification of Small-scale and Commercial Fisheries
- c. List of Aquatic Animals and Plants

SEAFDEC published the Aquatic Animal and Plants in Southeast Asia which contains the list of aquatic animals and plants caught and cultured in the Southeast Asian region. The list to be used as reference in accomplishing the questionnaires should be extracted from the Aquatic Sciences and Fisheries Information System (ASFIS). Considering that the ASFIS list also serves as an international standard species classification system.

The Aquatic Animals and Plants in Southeast Asia includes classification of animals and plants in each group as well as photos with national (local) name of the species, making it convenient and easy to identify the aquatic species.

- d. Classification of Fishing Gears
- e. Classification of Fishing Boats
- f. Classification of Fishers and Farmers

In this connection, the Framework for Fishery Statistics in Southeast Asia developed by SEAFDEC will need to be improved to work further for development and improvement of Aquaculture Statistics of the region in harmonization with the global standards and norms and classifications and definitions norms, in collaboration with relevant regional and international organizations through the Coordinating Working party on Fishery Statistics (CWP). SEAFDEC also envisaged that the harmonized and standardized definitions and classifications reflecting the multi-species/gear nature of the tropical fisheries of Southeast Asia.

#### *Database of Fishery Statistics in Southeast Asia*

SEAFDEC has been compiling and published the annually “Fishery Statistical Bulletin for the Southeast China Sea Area” for the statistics from 1976-2007. After 2007, SEAFDEC necessitate to intensity its assistance to the countries in the region in order to improve their respective fishery statistics and information systems and came up with the harmonized system of compilation and the production of the “Fishery Statistical Bulletin of Southeast Asia”.

To facilitate compilation and reporting of fishery statistics, SEAFDEC have developed and uploaded fishery statistics into database that can access through SEAFDEC Website. The new website information contains the minimum requirements of fishery statistics of the region under the Framework for Fishery Statistics of Southeast Asia.

#### **4. Please provide the methodological description of national statistics, if available.**

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#### **5. Please indicate the sections of the CWP Handbook that you considered outdated as well as those issues missing.**

Under the CWP Handbook of Fishery Statistical Standards;

- *Aquaculture Farming System (Type of Farming Facilitate)*  
Definition, standardization (group of farming system)
- *Stage in Aquaculture*  
Categories, Definition
- *Currencies Rate*

In case, production in value represents the producers price at farm gate. It is generally estimated by multiplying the quantity by the farm gate price by species. In reporting production in value, some country reported in the national currencies. For SEAFDEC agreed the report the value in local currency and harmonize the exchange rate table by using the same conversion table (rate used by IMF).