



CWP

Coordinating Working Party on Fishery Statistics

Report of activities progress relevant to CWP by FAO since CWP-26 in 2019

Agenda Item 4

Stefania Vannuccini

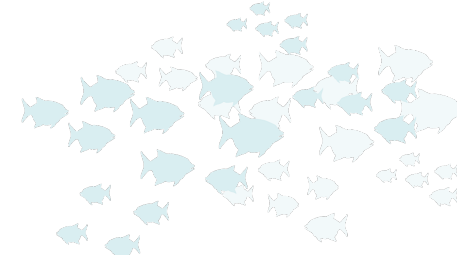
@SvannuFAO

Stefania.Vannuccini@fao.org

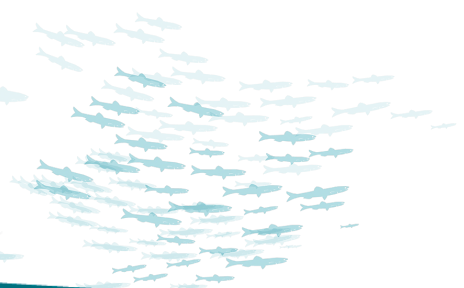
Global and regional statistics

- 2022 is a major milestone for FAO: coverage of fisheries and aquaculture statistics for more than seven decades (1950-2020) for the majority of its datasets – the longest time-series of any statistical dataset published by FAO
- Data disseminated through the online query panel (new version), FishStatJ and FAO Yearbook of Fishery and Aquaculture Statistics (new version)
- A number of activities were carried out to **improve the quality** of the FAO statistics
 - Improvement of **questionnaires**
 - Ad hoc collection of **value of capture fisheries**
 - **Support** to selected member countries to facilitate their reporting of data
 - **Revision** of historical time series
 - The **migration** to the FAO Corporate Statistical Working System
 - New **estimation methodologies** for processed production, trade and Food Balance Sheets
 - New estimation methodologies on employment together with OECD
- Dissemination for the first time in 2021 of **trade statistics by partners**, in addition to trade data by countries, flows and products.
- New ASFIS list to be released in July

Inter-agency collaboration in reporting of statistics



- With many CWP members, including Eurostat, GFCM, OECD, SEAFDEC, IWC
- Work carried out with **OECD** with the harmonization of collection of employment data for 47 countries, with one questionnaire sent to countries, and new estimation methodology. Plus OECD sources aquaculture, inland fisheries and trade directly from FAO
- With **Eurostat** regular sharing of data on capture fisheries up to June. Now sharing stopped, but discussion is on to find the best solution. Eurostat is the source of EU trade statistics and fleet data. More problems with aquaculture data mainly due to confidential issues and non alignment of calendar





Collaboration in the revision of international classifications and manuals

- Revisions of **CPC** (UNSD), **ISCO** (ILO), **HS** (WCO)
- Revision of Manual on the International Merchandise Trade Statistics: Concepts and Definitions 2010 (IMTS 2010) and the Manual on Statistics of International Trade in Services 2010
- FAO can collaborate with other CWP Members interested in the improvement of those classifications and manuals

Capacity building in fisheries and aquaculture statistics

- Despite no duty travels since March 2020, FAO has continued to be active with different capacity building activities in particular in the Caribbean, Africa and Asia
- **Open Artfish** and **Calipseo** the main tools used, with Calipseo representing a new platform for simple and easy deployment and rolling-out of National Fisheries Statistics and Management Information System. Calipseo has now been successfully deployed in Trinidad and Tobago, Suriname and Grenada. Activities have also started for Lebanon, Bangladesh, Dominica, St Lucia and other FAO Member countries have expressed their interest in it. Integration with **SmartForms**: Support to data collection programs”, a mobile App to collect and review fishery and observer data
- Development of **WECAFC Data Collection Reference Framework (DCRF)** with the aim to provide WECAFC members capacity building framework with definition of minimum data requirements to support countries to monitor fishing activities
- Three **trainings in fisheries statistics** in Trinidad and Tobago (January 2020) and global online in November 2020 and for UAE and other RECOFI countries in September 2021. Forthcoming ones for Panama and on data management for WIOMSA
- Development of **e-learning on SDG14.4.1** and a series of workshops. A global series of **online courses** in three different languages (English, Spanish, French) were carried out in November 2021 to February 2022.

The Global Atlas of Tuna and Tuna-like species

- The FIRMS Global Tuna Atlas (GTA) that collates and harmonizes public domain datasets from Tuna Regional Fisheries Management Organizations was publicly released and officially launched with promotional support on the 1st May 2022 on the occasion of the World Tuna day.
- The Atlas is under the Fisheries and Resources Monitoring System (FIRMS) governance umbrella
- A FIRMS TWG on Tuna Atlas has been set up including a core group and the 5t-RFMOs. Its achievements and recommendations were presented and endorsed at FIRMS FSC12 (October 2021).
- Of relevant to CWP, these recommendations include the contributions (as a pilot case) to the CWP Reference Harmonization, in particular regarding the structure of the data exchange format implementation guidelines, and the proposed “fishing fleet” concept (potentially relevant also to other CWP domains).
- The Atlas currently includes the most recent statistical datasets available from the 5 t-RFMOs, which are processed into GTA level 0 datasets and made available as harmonized nominal catches and geo-referenced catches by 1x1 and 5x5 squares (and a combination of the two).
- The Atlas offers online access to these datasets through different tools including its map viewer, a metadata catalogue and DOIs.

Global Record of Stocks and Fisheries (GRSF)

- Work also continued on GRSF that represents a global repository of uniquely identified stocks and fisheries resulting from collation and merging of records across multiple data sources: FIRMS, RAM Legacy Stock Assessment Database and FishSource (program of Sustainable Fisheries Partnership).
- To address the problem of the harmonization of the different existing standards (international, regional and national) from different data sources, the GRSF proposes a **global standard for Unique Identifiers of stocks and fisheries**, which was developed to distinguish/aggregate stocks and fisheries records extracted from the three source databases.
- Two type of identifiers were conceived: the **Universally Unique Identifier (UUID)** a machine-readable code for the unique identification of GRSF records; and the **GRSF Semantic Identifier**, a human-readable code and label for the GRSF records metadata.
- A pilot release of the GRSF is available through the iMarine e-infrastructure.
- Following FIRMS FSC12, efforts in 2022 focus on improving georeferencing of national stock units through the mapping of national GIS layers with the stock records. It is expected that upon completion of this work before the end of 2022, GRSF will disseminate more than 2000 records.
- Also during 2022, GRSF will assign unique identifiers to the new stock units submitted by countries through the SDG14.4.1 questionnaire and validated by FAO through its Quality Assurance review process.

FAO Fishing Vessel Design Database (FVDD)

- Prepared by FAO and associated naval architects the FVDD provides access to over 200 fishing vessel designs with more than 1 500 detailed drawings from 1960 to 2005.
- In the coming years, more recent fishing vessel drawings will be added to the database.
- In addition to drawings, each vessel design is accompanied with a brief description and technical details including ISSCFV (International Standard Statistical Classification of Fishery Vessels) and other international standard codes.
- The FVDD was published in the new FAO fisheries and aquaculture website.

CWP Webpages and Handbook

- Extensive work has been carried out to improve the content and coverage of the CWP webpages with main focus on the CWP handbook.

Other activities

More information on these activities and many other ones are available in the FAO report and in particular in its Annex 1

<https://www.fao.org/3/cc0595en/cc0595en.pdf>



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Thank you ▪ Merci
Благодарю ▪ ¡Muchas gracias!
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Stefania.Vannuccini@fao.org

CWP-Secretariat@fao.org

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