



منظمة الأغذية
والزراعة
للأمم المتحدة

联合国
粮食及
农业组织

Food
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the
United
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Organisation
des
Nations
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pour
l'alimentation
et
l'agriculture

Organización
de las
Naciones
Unidas
para la
Agricultura
y la
Alimentación

COORDINATING WORKING PARTY ON FISHERY STATISTICS

Intersessional Aquaculture and Fishery Subject Groups Meetings

Copenhagen, Denmark 19-22 June 2017

FAO report of activities

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What	FAO report of activities March 2016 - June 2017 and plans for the next intersession
Global / regional fishery statistics program	
- Global Capture Production Statistics Dataset–	FAO Global Capture Production Statistics Dataset 1950-2015, released in March 2017
- Global Aquaculture Production Quantity and Value Statistics Dataset–	FAO Global Aquaculture Production Quantity and Value Statistics Dataset 1950-2015, released in March 2017
- Fisheries commodities production and trade	Data up to 2015 will be released in summer 2017
- Food Balance Sheet of fish and fisheries products	In 2016, FAO released the dataset in FishstatJ with preliminary data up to 2013. FAO will disseminate in Summer 2017, the complete dataset up to 2013
- Conversion Factors – product form to live weight equivalent	A global questionnaire has been designed and the global survey will be launched in mid-2017, for an update of FAO's conversion factors database
- Fleet, fishers	Publish statistics DB during 2017
- HSVAR	On-going maintenance
- iMarine Tuna Atlas	Collaboration IRD-FAO-iMarine Collation workflow finalized, data dissemination services (maps, graphs, downloads) produced before end BlueBridge project

<ul style="list-style-type: none"> - Global Fishing Watch GFW research collaboration 	<p>Under the impulsion of a FAO corporate MoU with Google Earth Engine, FI is developing a research collaboration with GFW that will aim at estimating fishing activity and fishing effort using the AIS data mapped with public fishing vessel data collated in FAO Fishing Vessel Finder's database</p>
<ul style="list-style-type: none"> - Interaction with UNGA, and issues related to request to FAO to revise its global catch database 	<p>Papers produced to UNSFSA resumed Conf. May 2016. COFI32 follow-up tells that the issue has not been strongly followed-up</p>
<ul style="list-style-type: none"> - inter-agency collaboration in statistics reporting - Eurostat/ICES/FAO collaboration 	<p>On-going discussions towards a MoU between Eurostat and FAO on streamlining and data sharing</p>
<p>Methodologies and tools</p>	
<ul style="list-style-type: none"> - Census guidelines for improving fisheries and aquaculture data 	<p>FAO Methodological guidelines published in 2015 with a second version published in 2017. This release followed the inclusion of both fisheries and aquaculture modules in the 2020 World Census of Agriculture</p>
<ul style="list-style-type: none"> - Guidelines for Socio-economic data collection 	<p>The aim of the handbook is to act as a practical guide for addressing the limited availability of socio-economic data as well as a general lack of capacity for socio-economic data collection. Specifically, it addresses survey design, data processing, and the analysis and dissemination of this data. The handbook has been written for those planning surveys and coordinating and supervising all the phases of the survey data collection process, from the sampling design to the final estimates, including the organization of the fieldwork.</p>
<ul style="list-style-type: none"> - Integration of fisheries and aquaculture in SEEA framework 	<p>Water resources accounting for inland fisheries and aquaculture – guidelines published in 2016</p> <p>In addition, FAO has carried on a parallel in-depth analysis on SEEA water accounting for fisheries and aquaculture. The research, published in a technical paper^[1], examines the accounting tables designed by the SEEA framework and investigates how SEEA is able to reflect the dependence of the fisheries sector on water resources.</p> <p>The findings showed that the SEEA accounting framework currently is not designed to fully represent water uses and requirements of the fisheries sector. As a consequences the fisheries sector stands in a quite vulnerable and isolated position in the water arena and in the course of policy discussions among sectors on water use.</p> <p>For this reason, a discussion paper was presented at the Seventh International Conference on Agriculture Statistics (ICAS VII)^[2] to bring this matter to the attention of SEEA practitioners, accountants and statisticians and to suggest two possible methodological approaches to improve the inter-sectorial water use assessment within the SEEA accounting framework.</p>

^[1] FAO Fisheries and Aquaculture Technical Paper 599 available at www.fao.org/fishery/topic/166292/en

^[2] ICAS VII paper "Improving intersectorial water use within the SEEA accounting framework" under session XIX Aspects of the Implementation of the System of Environmental-Economic Accounting

	The two methodological papers represented a contribution to the development and improvement of water accounting for sustainable use of water resources.
- FishStatJ dissemination, and administration console	FishStatJ is widely used (3000 downloads in 2016). On-going maintenance to ensure optimal end-user satisfaction. IATTC pilot dataset implemented as a Workspace
- OpenArtFish (ArtFish upgrade)	OpenArtFish has been finalized with user manual, and will be published as webpage in 2017. OpenArtFish is interfaced with a mobile Tablet-based ODK capacity that enables design of field forms for electronic data collection and for transfer to the OpenArtfish platform
- SSFK - Scalable Software Framework for integrated fishery statistics and management information system	This SSFK is being developed under a FAO Japanese Trust Fund. FAO aims through an iterative process involving selected countries over the period 2016-2020 at developing a maintainable software framework that will generically respond to countries needs in integrating fishery statistics and management information (e.g. vessel registries,
- Quality Assurance in FAO corporate statistics	The FAO Statistics Quality Assurance Framework (FAO SQAF) includes a definition of quality, and a series of principles to adhere to, in order to ensure the quality of FAO statistical production processes and statistical outputs. Each principle is accompanied by corresponding good practices, which provide practical guidance on how to assure compliance with the principle. Some reported good practices are already applied by the FAO statistical system, while other aspects are still being developed. FAO Fisheries and Aquaculture Department is actively engaged in this on-going exercise.
Statistical Standards	
- ASFIS List	ASFIS List continuously maintained Annual update published in April 2017
- ISSCAAP classification	Need assessment of ISSCAAP revision/update from aquaculture statistics perspectives presented as document at this IS meeting
- Dissemination of the revised handbook at CWP webpage	Draft webpages version of finalized CWP sections prepared, for review at this CWP-IS meeting
- Elaboration of handbook on GIS matters	Draft content for handbook on GIS matters developed as part of the Task Group on GIS established by CWP25, for review by this CWP-IS meeting
- Elaboration of handbook on socio-economic matters	Draft content for handbook on socio-economic matters developed as part of the Task Group on G socio-economic matters established by CWP25, for review by this CWP-IS meeting

<ul style="list-style-type: none"> - Global standards, concepts and classifications for fisheries and aquaculture (HS, CPC) 	<p>On 1 January 2017, the HS2017 has been officially released and it includes changes requested by FAO. Work has been done on revision of the Classification of Individual Consumption by Purpose (COICOP)</p>
<ul style="list-style-type: none"> - Aquaculture standard questionnaire 	<p>Contributions were made to the Task Group led by Eurostat, for examination by this CWP-IS meeting</p>
<p>CWP-FS call on Metadata standards</p>	
<ul style="list-style-type: none"> - Master Data Management (MDM) 	<p>FAO is leading the CWP Task Group on Reference Harmonization towards a global Standard for Data Set Definition in the field of fisheries and aquaculture</p> <p>FAO corporate IT is currently deploying eBX5, an MDM support commercial software, for use by FAO technical units. The FAO Fisheries and Aquaculture Department will be piloting the implementation of MDM services in 2017-18</p> <p>Under the EU BlueBRIDGE project, FAO drives the definition of MDM services for the iMarine platform. These will be fed from various sources including FAO and will amplify those services among the community</p>
<ul style="list-style-type: none"> - SDMX 	<p>FAO corporate Statistics and IT Divisions are investing in FAO's capacity to disseminate FAO statistics through SDMX. Implementation prospects for dissemination of FI statistics through SDMX are for 2018-19</p>
<ul style="list-style-type: none"> - Fishing Vessels standards (Global Record) 	<p>A pilot of the Global Record where the contributions of 12 FAO member countries have been tested will be reviewed by the GR working group at the end of June 2017.</p> <p>A standard data model for vessel descriptions has been approved, compatible with UN-CEFACT/FLUX, and the GR will implement the FLUX data exchange format in 2017</p> <p>The CWP Secretary informed the April 2016 GR Working Group of the work of CWP in the domain of statistical standards and of CWP's interest in developing collaboration with initiatives such as GR for reviewing and eventually promoting Metadata standards in the field of fisheries where those have been established</p>
<ul style="list-style-type: none"> - Standards for Regional Logbooks (WECAFC) 	<p>A Data and Statistics Working Group has been established by WECAFC 16 in June 2016, a first meeting of this WG will be held in February 2018</p> <p>A data collection framework is being developed for WECAFC for review and eventual endorsement by this WECAFC WG. As part of it, a standard for Regional Logbooks is also being developed.</p>
<ul style="list-style-type: none"> - Research Data Alliance Working Group on fisheries interoperability (RDA FDI-WG) 	<p>Under the EU funded BlueBRIDGE project, FAO has launched in April 2017 the RDA working group on fisheries data interoperability. The objective is to improve business</p>

	metadata services for statistical data and representation of timeseries in geospatial format
Capacity building	
- Fisheries data collection at national and regional level	Through EBF projects, FAO intervenes in up to 30 countries to build capacity in Fishery statistics and related information systems. Marine regions are SWIOFC, COREP, FCWC, WECAFC, GFCM, IOTC; RECOFI; Outside of these regions, other countries are Myanmar, Djibouti; Inland countries are Angola, Chad, Congo