



CWP

Progress report of the CWP ad-hoc Task Group on Aquaculture

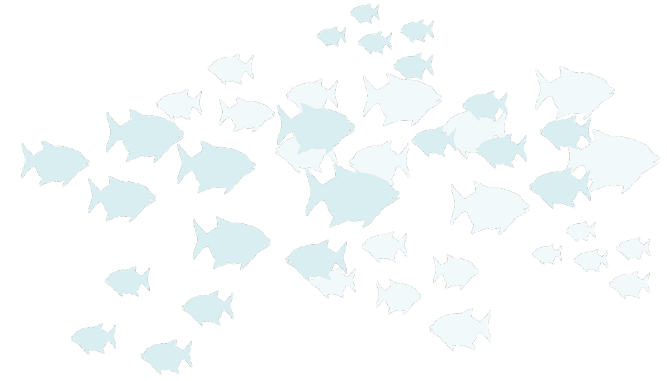
Report of activities on review of the Aquaculture
Section of the CWP Handbook

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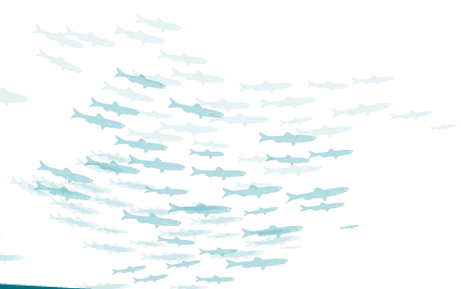
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Outline



- Background
- Major activities undertaken by the Task Group Aquaculture
- Final draft of the Aquaculture Section of the CWP Handbook
- Possible Next Steps - Further topics to be addressed by TG-A, emerged from the IS and bilateral meetings

(CWP-IS/2022/5)



Report of activities on review of the Aquaculture Section of the CWP Handbook *(CWP-IS/2022/5)*

Background:

- CWP-23 (2010) established CWP-AS (Aquaculture Subject Group)
- CWP-24 (2013) drafted the Aquaculture section for the CWP Handbook (HB)
- HB was revised during the CWP IS meeting in 2017
- CWP-26 (2019) established an ad-hoc task group (TG) focus on the Aquaculture section of the HB
- Work being undertaken on the revision of Aquaculture section of the HB up to June 2022



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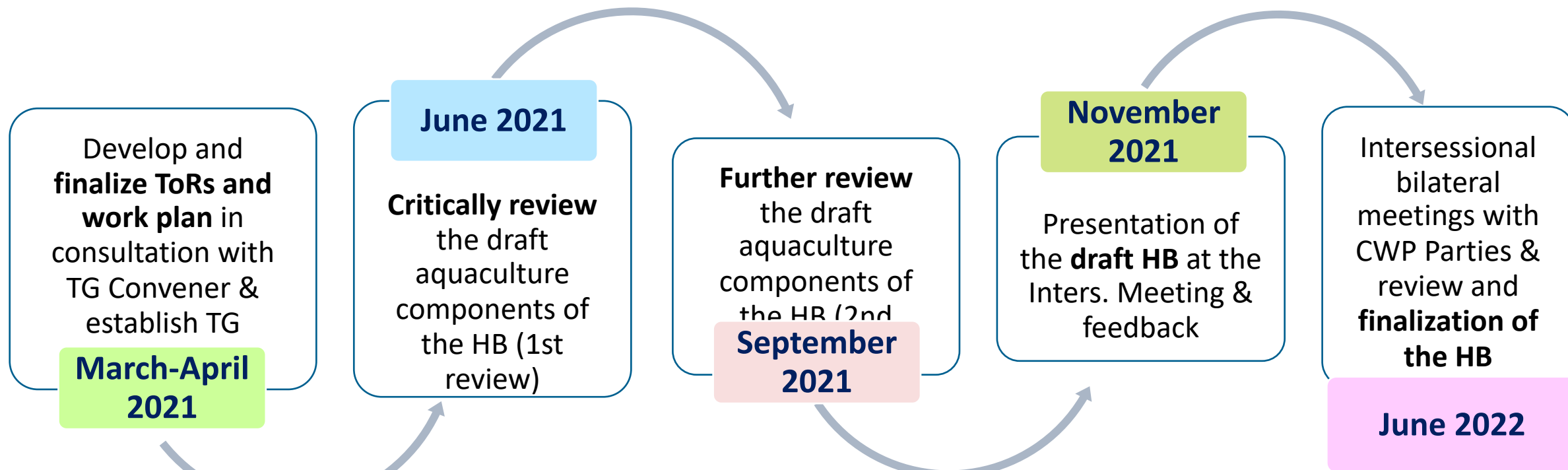
Aquaculture Section 3 of the CWP Handbook

The Handbook contains five sections which cover (1) General concepts, (2) Capture fisheries statistics, **(3) Aquaculture statistics**, (4) Socio-economic dimension, and (5) Tools and resources.

The **aims and scope** of the Aquaculture Section 3 of the CWP Handbook is to:

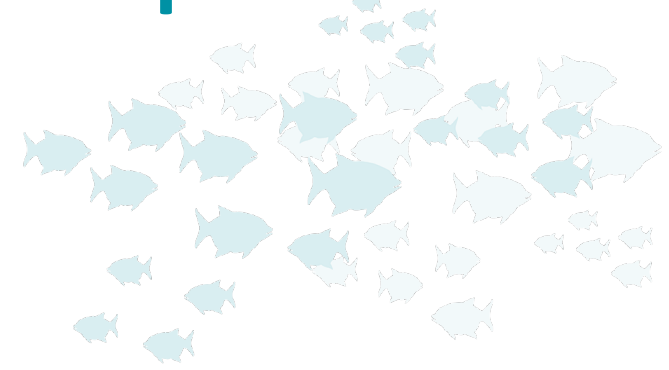
- Document concepts that are relevant to aquaculture statistics
- Provide principles valid at international level relevant to aquaculture;
- Cover a range of basic global concepts, definitions, standard classifications, as applied to aquaculture data collection and statistics globally and by international agencies.
- Define statistical standards for specialized concepts as adopted by CWP; and for concepts that have a wider scope as adopted internationally (e.g. UN statistical standards);
- Review methodological issues that are specific to aquaculture statistics;
- - Define minimum requirements for data collection; and define desirable levels of information.

Process and major activities undertaken by TG Aquaculture



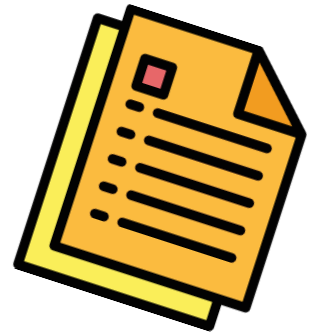
Report of activities on review of the Aquaculture Section of the CWP Handbook

Critical review of the draft Handbook (1st Review)



The 1st review:

- Highlighted the importance to better retain the objective of the Handbook
- need to shorten and/or delete some topic, while further expanding and elaborating other key concepts and definitions (e.g. stages in aquaculture, classification, production systems);
- Highlighted the need to represent a global framework, making essential to gather and include as many experiences as possible in the different geographical areas worldwide.



Report of activities on review of the Aquaculture Section of the CWP Handbook

Critical review of the draft Handbook (1st Review circulated in July 2021)

The results of the 1st review was shared with:

- (i) experts from CWP member organizations;
- (ii) aquaculture experts and practitioners from several countries and geographical areas;
- (iii) FAO staff and consultants.

- **The consultation confirmed the proposed changes emerged from the 1st critical review**
- **Furthermore several recommendations were received for the amelioration of the final product**

Main suggestions and recommendations on the Review Handbook circulated from CWP and other experts consultation

Section / Subject	Recommendation
General layout	HB should include introductory and background elements
Definition of terms	It should be a single chapter with referenced terms as well as new ones
Definition of the data to be collected / Questionnaire	HB to include examples of filled questionnaires & use of collected data
Instructions on how to collect data	HB to include tables with example by using same terminology all through
Specific variables to be collected for climate change	Include variables to be collected to account for the effects of climate change
Aquaculture classification	Add global aq. production from extensive, semi-intensive, intensive practices
Classification of farming systems	Align the chapter to the latest work of CWP; Reconsider the term “raceways”

Main suggestions and recommendations on the Review Handbook circulated from CWP and other experts consultation

Section / Subject	Recommendation
Measuring units	HB should include clear guidance on measuring units for farming systems
Farm-gate value	Use both terms farm-gate value and ex-farm value
Chapter on Investment	Not necessary in the aquaculture section of the HB
Chapter on Feeds and Fertilizers	Key topics to be further and deeply discussed / investigated
Chapter on Antibacterials	Keep it in the HB but to be revised and updated
Chapter on Use of spatial information technology	Keep it in the HB to be further and deeply discussed / investigated
Technical statistical parts	To be strengthened while referring to FAO Statistics Quality Assurance F.Work
Socio-economic aspects of aquaculture	Align the chapter to the latest work of CWP

Report of activities on review of the Aquaculture Section of the CWP Handbook

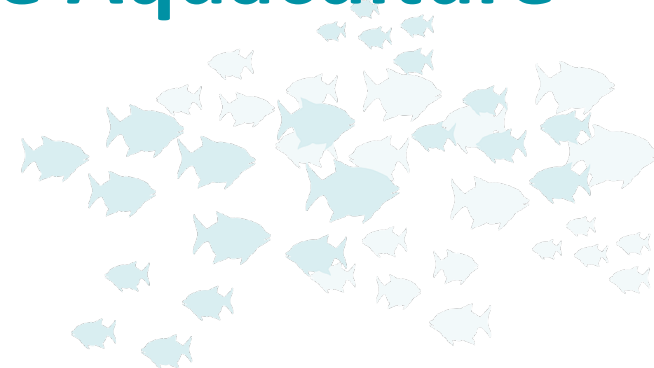
Critical review of the draft Handbook (2nd Review)


The 2nd review:

- Addressed the recommendations received
- Rearranged the HB structure
- Widened and improved the contents (e.g. list of figures and tables, executive summary, nature & scope, institutional benchmarks, hyperlinks, etc.)



REVISED CWP HANDBOOK

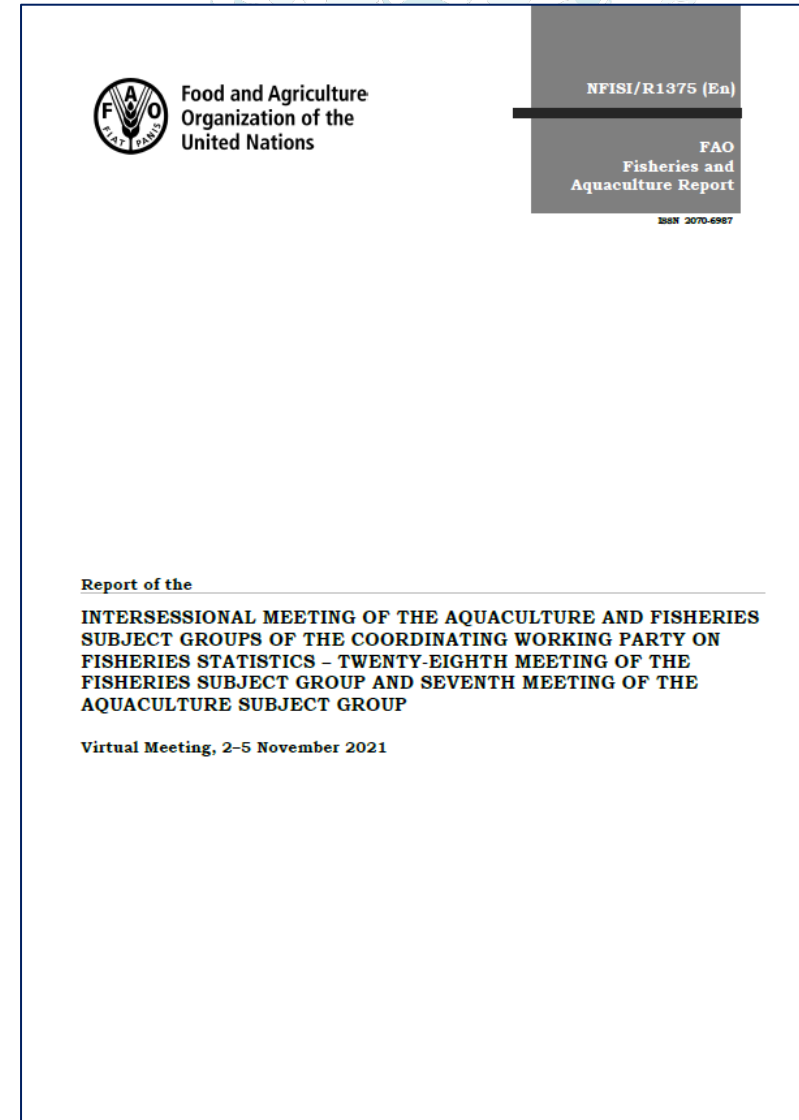


CWP-IS/2021/5.1					
	联合国 粮食及 农业组织	Food and Agriculture Organization of the United Nations	Organisation des Nations Unies pour l'alimentation et l'agriculture	Продовольственная и сельскохозяйственная организация Объединенных Наций	Organización de las Naciones Unidas para la Alimentación y la Agricultura
COORDINATING WORKING PARTY ON FISHERY STATISTICS					
Intersessional Meetings of Aquaculture and Fisheries Subject Groups – Joint Session					
Seventh Meeting of the Aquaculture Subject Group (AS) and Twenty-eighth meeting of the Fisheries Subject (FS)					
2 – 5 November 2021					
First draft of the revised CWP Handbook on Aquaculture Statistics					
Author: Secretariat					

Report of activities on review of the Aquaculture Section of the CWP Handbook

CWP Intersessional Meeting

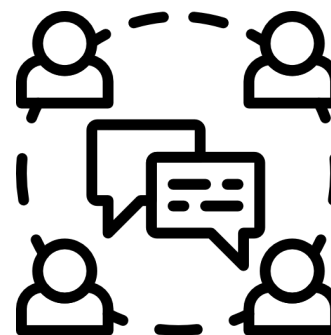
- Presented the work done by TG Aquaculture and the progress on aquaculture farming systems classification
- Presented the revised draft HB in detail
- The meeting acknowledged the progress made and the **need for additional work** to finalize the HB to be presented at CWP-27
 - There were additional suggestions to modify the HB
- The TG-Aquaculture workplan until CWP-27 was approved



Report of activities on review of the Aquaculture Section of the CWP Handbook

Bilateral meetings with CWP Parties

- General Fisheries Commission for the Mediterranean (GFCM)
 - Network of Aquaculture Centres in Asia-Pacific (NACA)
 - Statistical Office of the European Communities (EUROSTAT)
 - Southeast Asia Fisheries Development Centre (SEAFDEC)
 - Pacific Community (SPC)
-
- Informed on the current status and progress of the draft Aquaculture section of the HB post CWP IM
 - Proposed further suggestions on the HB
 - Discussed possible next steps for cooperation post CWP-27



Report of activities on review of the Aquaculture Section of the CWP Handbook

Intersessional meetings with CWP Parties

Point raised	Action
<ul style="list-style-type: none"> • There is consistency between the HB and the GFCM Information System for the Promotion of Aquaculture in the Mediterranean (SIPAM) • Present the HB to SIPAM National Focal Points to gather their comments and feedback 	<p>Present the draft HB during the 12th Session of GFCM Scientific Advisory Committee on Aquaculture (CAQ) in June 2022</p>
<p>To have a shared document repository accessible by CWP parties containing the latest working version of the draft Aquaculture Section of the CWP HB</p>	<p>A document repository was created to share the draft HB</p>
<p>Consider two targeted case studies:</p> <ul style="list-style-type: none"> • Socio-economic and nutritional impact of small-scale production on rural communities (e.g. for Para 4.2) • Periodic surveys of production losses and practices/causes in different sectors (e.g. for Para 3.5) 	<p>Acknowledgement of proposals to be discussed at the CWP-27 and possibly considered in the next phase post CWP-27</p>

Report of activities on review of the Aquaculture Section of the CWP Handbook

Intersessional meetings with CWP Parties

Point raised	Action
EUROSTAT expressed the interest to strengthen cooperation with the FAO Statistics Team on the aspects related to sharing and harmonisation of statistical data.	Strengthen cooperation between EUROSTAT and CWP
Clarify better in the Nature and Scope section that the HandBook is to be considered guidelines for countries.	Modify the HB as appropriate
Whether the FAO questionnaire that each country is asked to compile, would be modified after the formal adoption of the HB.	Point to be clarified at the CWP 27 th Session.
Work needed to operationalize the HB provisions : <ul style="list-style-type: none"> • how to manage and interpret the collected data? • different methods on how analyse trend of aquaculture? • which statistics indicators could be adopted to monitor aquaculture development, sustainability and production? 	Proposal to be discussed at the CWP 27 th Session and possibly considered in the next phase post CWP 27 th

Report of activities on review of the Aquaculture Section of the CWP Handbook

Coordination with the ad-hoc Task Group on reference harmonization (TG-RH2)

- A meeting held to ensure coordination & consistency with the HB to the work of the other TGs
- All aspects on **harmonization were shared and discussed**, including the proposal that was made for data structure on global aquaculture production, summarizing the main standards to be considered
- Aquaculture statistics and **HB lack of a defined code lists** for some of the basic concepts (e.g. environment, types of farming/production). Such gap might be filled in the next session as the work on farming system classification is finalized.
- Discussions over specific issues considered in the HB:
 - The need for **“flag status”** as the one in use for the fishery section (in future for aquaculture carried out in fish farm vessels
 - Standard reference for the measuring units
 - “Flags” for defining matters of confidentiality and quality of the data

Finalization of the CWP Handbook

Final draft of the Aquaculture Section of the CWP Handbook

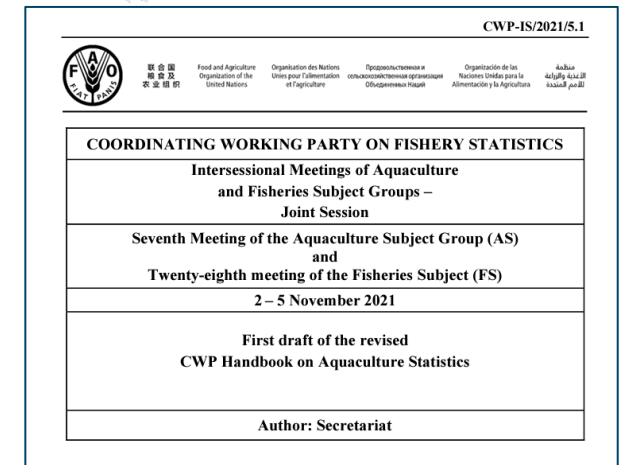
- Since March 2021 until June 2022, the draft Handbook underwent a thorough revision, which has taken into consideration
 - the work done by TG Aquaculture and expert team
 - inputs received by CWP Parties and other experts




REVISED CWP HANDBOOK

- The final draft Handbook maintains the initial structure but presents the findings in a more direct form, avoiding redundancies, offers updated definitions, categories and codes following the latest work within the framework of the CWP and guides the reader through detailed tables and examples.

The details will be outlined in the next presentation CWP-IS/2022/Pr9



CWP-IS/2021/5.1					
	联合国 粮农组织	Food and Agriculture Organization of the United Nations	Organisation des Nations Unies pour l'alimentation et l'agriculture	Spesializirannaya organizatsiya po Alimentatsii i Selskoyu Khozaystvu	Organización de las Naciones Unidas para la Alimentación y la Agricultura
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Possible Next Steps

Further topics to be addressed by TG-A, emerged from the IS and bilateral meetings

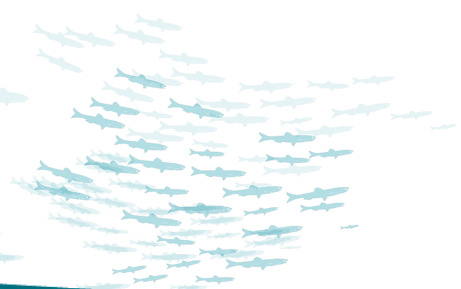
- Development of **coding for the classification of farming systems** including the **sub-categories**;
- **Improve the collection of data in terms of production and market value of commodities from aquaculture** such as fry and fingerlings, sturgeon caviar and other traded fish eggs (e.g. trout, salmon, etc.), fishery products from aquaponic, etc.
- **Develop tools (manuals, guidelines, etc.)** to operationalize the aquaculture section of the Handbook such as: (i) how to manage and interpret the collected data; (ii) data analysis; (iii) what is the trend of aquaculture?
- **Develop suitable indicators** that could be used/applied to monitor aquaculture development, sustainability and production over time;



Possible Next Steps

Further topics to be addressed by TG-A, emerged from the IS and bilateral meetings

- Contribute to the revision of **CWP webpages** to improve content and coverage including the Aquaculture Section of the CWP Handbook;
- Continue the work in revising International Standard Statistical Classification for Aquatic Animals and Plants (ISSCAAP)
- **Identify targeted case studies:** (i) periodic surveys of production losses and practices/causes in different sectors (e.g. in HB section 3.5); (ii) socio-economic and nutritional impact of small-scale/artisanal production on rural communities (e.g. in HB section 4.2).





Food and Agriculture
Organization of the
United Nations

Thank you ▪ Merci
Благодарю ▪ ¡Muchas gracias!
謝謝 ▪ شكرا

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