



Food and Agriculture Organization
of the United Nations

Fisheries and Aquaculture Department FAO Aquaculture e-Bulletin

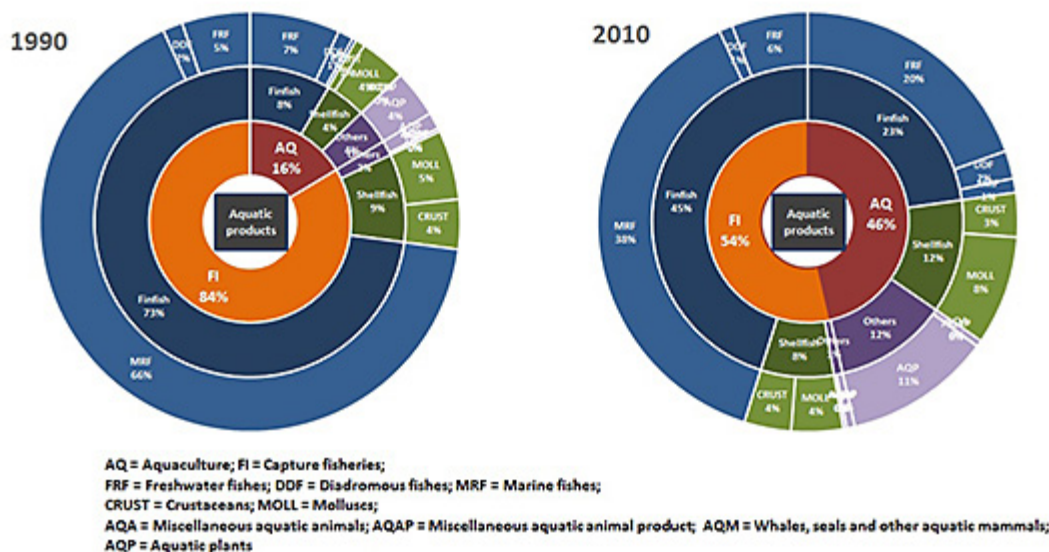
July 2015

Welcome to this July 2015 edition of the **FAO Aquaculture e-bulletin**, covering our most recent news, publications, technical workshops and projects for the period **April to July 2015**. We hope that this information can also be useful to you in your own aquaculture work.

This newsletter presents only a selection of what we do and we encourage you to visit our website www.fao.org/fishery/aquaculture to find out more or to contact the officers of the FAO Fisheries and Aquaculture Department's Aquaculture Branch (FIRA) responsible for the various activities via e-mail.

Highlights

- FAO/FI would like to invite you to test a user-friendly tool developed to help experts analyse the status and trends of and discern patterns in aquaculture production at national, regional and global levels. The Microsoft Excel-based tool uses smartly designed tables and charts to provide information on the aquaculture production (both volume and value) of nearly 900 species or species groups in nearly 300 countries or country groups spanning over 60 years, from 1950 to the present. The tool is a module under the World Aquaculture Performance Indicators (WAPI); details about the WAPI initiative and a prototype WAPI tool can be found in the "**Report of the FAO expert workshop on assessment and monitoring of aquaculture sector performance Gaeta, Italy, 5-7 November 2012**". If you would like to test the module and/or learn more about WAPI, please send a request to WAPI@fao.org.



Publications

- FAO Aquaculture Newsletter – FAN 53**, March 2015. This issue of FAN contains an editorial on Nutrition-sensitive aquaculture and four main sections on: (1) Global aquaculture updates with an article on the 2nd International Conference on Nutrition ICN2. (2) Aquaculture updates by region providing information on ongoing projects, activities and events by region particularly: one article for Europe, five for Latin America and the Caribbean, three for the Near East and North Africa, and five for Sub-Saharan Africa. (3) There are five thematic articles on the following subjects: (i) Smart use of water in desert and arid lands; (ii) Aquaponics – integrating aquaculture and hydroponic; (iii) Global sea cucumber fisheries and aquaculture; (iv) Decent rural employment in aquaculture and (v) the main results of the EU funded AFSPAN project. (4) The Miscellaneous segment contains aquaculture news and events. The two last sections focus on new staff profiles in the FAO Aquaculture Branch, and new aquaculture publications.

Information: M. Reantaso and V. Crespi

Web-based products

- The **Cultured Aquatic Species (CASIP)** collection has been enriched with two new fact sheets:
 - **Sole** (*Solea* spp.) This fact sheet covers two cultured species: common sole and Senegalese sole. Both are farmed with similar aquaculture technology.
 - **Wakame** (*Undaria pinnatifida*) an important commercial brown seaweed.
- The **National Aquaculture Legislation Overview (NALO)** collection has been enriched with the **new** fact sheets of **Morocco** and **Senegal** (both in French).
- The **National Aquaculture Sector Overview (NASO)** collection has been enriched with the **updated** fact sheets of **Bahrain**, **Malta** and **Montenegro**.


Projects

FAO is participating in two Horizon 2020 projects; one of the projects is entitled “Ecosystem Approach to making Space for Aquaculture” (AquaSpace) and the other “Marine Investment for the Blue Economy” (MARIBE).





- The main objective of the **AquaSpace project** is to provide increased space for aquaculture by adopting the Ecosystem Approach to Aquaculture (EAA) and Marine Spatial Planning (MSP) to deliver food security and increased employment opportunities through economic growth. AquaSpace will work in collaboration with the aquaculture industry, other stakeholders, and coastal managers and planners in the European Economic Area and beyond to produce a range of tools that will enable effective implementation of EAA and MSP to support the aquaculture sector. A total of 16 case studies from different countries with a range of scales, environments and space-related development constraints as defined by local stakeholders will be assessed to improve and/or create appropriate tools using a common process so as to facilitate synthesis and comparison. The AquaSpace project started in March 2015 and will have a duration of 36 months. The project coordinator is the Scottish Association for Marine Science (SAMS), the number of consortium partners is 21. FAO is a project partner. FAO does not lead the consortium or a work package. FAO’s tasks will be to: (i) prepare a review of current approaches to spatial planning for aquaculture in marine and freshwater environments in Europe plus non EU Mediterranean and Black Sea countries, covering the General Fisheries Commission for the Mediterranean (GFCM) area of competence; and (ii) conduct a workshop to present and validate the results of the review. To learn more about the project please visit

www.aquaspace-h2020.eu

Information: J. Aguilar Manjarrez , D. Soto  and F. Massa 

- The primary objective of this **MARIBE project** is to identify the most promising business models in the Blue Growth (BG) economy, by combining different, complementary and synergistic activities at sea at the same location (e.g. energy production and storage, fisheries and aquaculture, transport and logistics hubs) via multi-use of space and multi-use offshore platforms. Conflicts for use of the marine space and licensing in the context of marine spatial planning are one of the core elements of the project. The project will be conducted in four basins: the Baltic, Atlantic, Mediterranean and Black Sea, and Caribbean. MARIBE will select four of the best business models (one per basin) to demonstrate the most optimal combined use of space. The project will then develop the business models to be rolled out in pilot projects. The MARIBE project started in March 2015 and will have a duration of 18 months. The project coordinator is the University College Cork (UCC), the number of consortium participants is 10. FAO does not lead the consortium or a work package. FAO’s tasks are to: (i) provide inputs to different work packages to ensure the inclusion/relevance of aquaculture and Non-EU countries and (ii) lead the organization of one workshop for the Caribbean Basin. To learn more about the project please visit

www.maribe.eu.

Information: J. Aguilar Manjarrez , J. Cai , R. Van Anrooy , M. Torrie  and T. Pongthanapanich 

- In April 2015, FAO's Sub-regional Office for the Gulf Cooperation Council States and Yemen (SNG) based in Abu Dhabi, completed a study for the Abu Dhabi Food Control Authority identifying potential aquaculture opportunities for an area of salinized agricultural farms 100 km inland from Abu Dhabi City. FIRA's Alessandro Lovatelli and Integrated Aquaculture Consultant Edoardo Pantanella worked with SNG's Fishery and Aquaculture Officer David Currie to prepare the analysis and recommendations on a way forward to develop commercially successful and environmentally sustainable aquaculture ventures in the area, in order to bring the farms back to productive use. A GCP project to carry the work forward is in preparation. The United Arab Emirates plans a major expansion of aquaculture over the next decade, prioritizing the sector as a key component in addressing the country's food security needs. Advanced technologies for recirculating closed system aquaculture will allow fish production with minimum usage of the region's scarce freshwater resources.

Information: D. Curries  and A. Lovatelli 

Aquaculture events (2015)

- The **8th Session of Regional Commission for Fisheries (RECOFI)** was held in Muscat, Sultanate of Oman, 12-14 May 2015. The session was attended by 21 delegates from all eight Members of the Commission and two observer organizations (CITES and WWF). The Session was presented with a number of issues for discussion and decision related to regional fisheries cooperation and aquaculture development. The Commission discussed and endorsed the work plan for 2016-2017.

Information: P. Mannini  and A. Lovatelli 

- FAO/World Bank workshop on "Aquaculture zoning, site selection and area management" was in Izmir, Turkey from 5–8 July 2015. Spatial planning and management of aquaculture development within the framework of the ecosystem approach to aquaculture (EAA) were reviewed and recommendations for their implementation to ensure greater sustainability and for future aquaculture development were presented using a number of case studies from different countries.

Information: J. Aguilar Manjarrez  and D. Soto 

Upcoming Aquaculture and Aquaculture-related Events (2015)

- The **8th Session of the Committee on Fisheries (COFI)** Sub-Committee on Aquaculture will be held in Brasilia, Brazil from the 5 to 9 October 2015.

Information: R. Subasinghe 

- A **technical seminar on sea cucumber fisheries management** and aquaculture will take place in Mérida, Yucatán, México from 10-11 September 2015 (Spanish title:

Acuicultura y pesquería de pepino de mar: Situación global en la pesca artesanal y acuicultura, lecciones aprendidas y acciones recomendadas para el desarrollo). The technical seminar is being organized by FAO in close collaboration with the Ministry of Rural Development of the State of Yucatán as part of a series of activities in support of the formulation of Yucatán's fisheries and aquaculture development plan.

Information: A. Flores  and A. Lovatelli 

- **The 6th Offshore Mariculture Conference planned to take place in Ensenada, Baja California, Mexico, 21-24 September 2015 has been postponed. The new dates will be announced in the conference official web site.** This international technical conference will focus on practical solutions and development opportunities around offshore farming in Mexico. It will include the latest legislation, investment and financing opportunities together with the day to day practicalities of running an offshore business. FAO will be organizing a special session at the conference with 5-6 speakers as an integral part of the conference programme. This particular session will be open to all interested parties at no cost.

Information: J. Aguilar Manjarrez  and A. Lovatelli 

Professional vacancy announcement

- **Junior Professional Officer (Fishery and Aquaculture)**

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