



FAO Aquaculture e-Bulletin

November 2011

*Welcome to this edition of the **FAO Aquaculture e-bulletin**, covering our most recent news, publications, technical workshops and projects for the period June to October 2011. We hope that this information can be also useful to you in your own aquaculture work.*

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

Highlights

- Launch of seven technical documents on aquaculture which are of global relevance: **Global Synthesis of aquaculture development status and trends** and **six Regional Reviews of aquaculture development, status and trends**. Similar reviews were also published in 2005. A new Web site, [FAO Aquaculture Global and Regional Reviews](http://www.fao.org/fishery/aquaculture), is also available to further promote and facilitate access to these important publications.
- Release of the **Global Interactive map on Aquaculture production of aquatic animals for human consumption (tonnes) for 2009**. The map is part of the National Aquaculture Sector Overview (NASO) map collection accessible at: www.fao.org/fishery/naso-maps.

The main purpose of the collection is to illustrate, in general, where aquaculture occurs. Key information beyond the administrative units or individual farms includes: cultured species, technology used, culture systems, environments, farm characteristics and respective production quantities and main issues (credit, diseases, environmental impact, etc.). The collection now includes national statistics on aquaculture production for 2009 and efforts are underway to include statistics related to land and water use in aquaculture during 2012.

Recent publications

- **FAO Aquaculture Newsletter – FAN 47** - The June 2011 issue of FAN contains an editorial on “Development and implementation of the FAO guidelines for aquaculture certification” which represents an important achievement of all FAO member countries and the COFI Sub-Committee on Aquaculture secretariat. The aquaculture highlights include articles on the 29th Session COFI Sub-Committee on Aquaculture; three new technical cooperation projects in the Asia-Pacific region; capacity building for aquaculture development in Central Asia; strengthening aquatic biosecurity capacity in western Balkan region. It also focuses on aquaculture projects, the promotion and development of freshwater aquaculture in Haiti; preliminary notes on forecasting country’s’ future demand for fish; organic aquaculture in Malaysia, Myanmar and Thailand and; reducing the dependence on the utilization of trash fish/low-value fish as feed for aquaculture of marine finfish in the Asian region. Finally, one section describes the main outcomes of meetings and workshops recently organized by the FAO Fisheries and Aquaculture Department’s Aquaculture Service. Other articles and FAO aquaculture publications are also featured (Information: Melba Reantaso).

See the **FAN Publications** page.

- Lovatelli, A.; Sarkis, S. **A regional shellfish hatchery for the Wider Caribbean: Assessing its feasibility and sustainability**. FAO Regional Technical Workshop. 18–21 October 2010, Kingston, Jamaica. FAO Fisheries and Aquaculture Proceedings. No. 19. Rome, FAO. 2011. 246p.
- **Aquaculture development. 6. Use of wild fishery resources for capture-based aquaculture**. FAO Technical Guidelines for Responsible Fisheries. No. 5, Suppl. 6. Rome, FAO. 2011. 81 pp.

Web-based products

National Aquaculture Sector Overview (NASO)

- One updated Fact Sheet: **Uzbekistan**

National Aquaculture Legislation Overview (NALO)

- Three new Fact Sheets: **Greece**, **Papa New Guinea** and **Uganda**
- Two new versions in Chinese: **Ecuador** and **France**

Cultured Aquatic Species Fact sheet

- Two new Fact Sheet: **Red claw crayfish** (*Cherax quadricarinatus*) and **Scalloped spiny lobster** (*Panulirus homarus*)

National Aquaculture Sector Overview maps collection

- New Google-based maps are now available in the NASO map collection for **Bangladesh**,

Cameroon, Canada, Chile, Italy, Cyprus, Islamic Republic of Iran, Japan, Malta, Mexico, Nicaragua, Peru, and Thailand showing where aquaculture is taking place.

Web site: [National Aquaculture Sector Overview map collection](#).

Projects

- **GCP/NAM/014/SPA** – The project entitled “Support to the South-South Cooperation Technical Assistance Programme between Namibia and Viet Nam” aims at providing technical assistance in support to the aquaculture sector development in Namibia, through the deployment of aquaculture experts from Vietnam. Following an official request received on June 2011 by the FAO Fisheries and Aquaculture Department from the Government of Namibia, two FAO Aquaculture Officers at the beginning of October 2011, undertook a scoping mission to Namibia, to identify developmental opportunities for the country in the fields of a) aquafeed production and species diversification and b) aquaculture in the desert and arid lands.

(Lead officers: R. M. Hasan and V. Crespi)

- **TCP/BGD/3302** - TCP Facility (Component 4 - Identification and understanding of key technical, economic and social constraints to seed and feed production and management in Bangladesh) the Aquaculture Service of FAO in collaboration with FAO Regional Office for Asia and Pacific and FAO Bangladesh has developed technical cooperation project on identification and understanding of key technical, economic and social constraints to seed and feed production and management in Bangladesh as a follow up of request from the Minister, Ministry of Fisheries and Livestock, Government of Bangladesh. The project will start in November 2011 and will identify the most pertinent issues related to feed and seed for sustainable aquaculture development in the country.

(Lead officers: R. M. Hasan  and M. Weimin .

- **FP7-KBBE-2011-5** Theme: Food, Agriculture and Fisheries, and Biotechnology, Aquaculture for Food Security, Poverty Alleviation and Nutrition (AFSPAN): "Evaluating and Assessing the Contribution of Aquaculture to Poverty Alleviation and Food Security". FAO recently won the bid of this three years project and will serve as Coordinator with a consortium of 18 institutional partners from Bangladesh, Brazil, Chile, China, Denmark, India, Kenya, Malaysia, Nicaragua, Norway, Philippines, Thailand, U.K. and Viet Nam.

(Lead officers: R. Subasinghe  and K. Yamamoto .

FAO Meetings/Workshops

- **Asia Regional Ministerial Meeting on Aquaculture for Food Security, Nutrition and Economic Development**, 28-29 July 2011, co-organized by FAO and NACA and hosted by the Government of Sri Lanka. 80 officials from 17 countries with their delegations headed by ministers and designated ministerial level officials representing Bangladesh, Cambodia, China, Fiji, India, Indonesia, DPR Korea, Lao PDR, Malaysia, Maldives, Myanmar, Nepal, Philippines, Sri Lanka, Thailand, Timor Leste and Viet Nam participated in this high level event. Four technical areas recommended for prioritized implementation include farming systems, genetic improvement, aquatic animal health and responses to climate change impacts. The two-day meeting concluded with the "Colombo Declaration", a political commitment to regional cooperation in aquaculture development for food security, nutrition and economic development. The declaration provides a policy framework for Asian governments to collaborate in pursuing these common goals, to share experience and build on each other's strengths for the benefit of all. Another major consensus was the establishment of an Asian Regional Fund for Aquaculture Development.

(Information: R. Subasinghe ; J. Jiansan )

- **FAO/SPC Regional Scoping Workshop: Development of a Pacific Aquaculture Regional Cooperative Programme**, 11-14 October 2011, Nadi, Fiji. A total of 55 participants including 18 countries (American Samoa, Cook Islands, Fiji, Federated States of Micronesia, French Polynesia, Guam, Kiribati, Marshall Islands, Nauru, New Caledonia, Palau, Papua New Guinea, Tonga, Tuvalu, Samoa, Vanuatu and Wallis and Futuna), representatives from the private sector (Vate Ocean Gardens Ltd and Pacific Seaweed Ltd), representatives from 7 regional institutions (ACIAR, FFRC-China, JICA, Kasetsart University, Queensland University of Technology, NACA, SEAFDEC-AQD, and WFC-Solomon Islands), SPC and FAO staff participated in this regional scoping workshop. The regional scoping workshop hosted by the Ministry of Fisheries and Forests of the Government of Fiji was held over four days to discuss aquaculture in the Pacific. The workshop engaged the governments of PICTs and development partners active in the region in a dialogue to assess the needs and map out a coordinated strategy and actions for all major regional and international agencies and other relevant stakeholders working on aquaculture development in the region. The major output from the workshop was a draft Regional Aquaculture Strategy which contained the vision, guiding principles, and 6 major priority programmes (i.e. biosecurity, capacity building, feasibility assessment, statistics and data, markets and trade, technology transfer and improvement).

(Information: M. Izumi ; J. Jiansan ; M. Reantaso .

 **Support to non-FAO Meetings where FAO staff participated in the following meetings as invited speakers**

- Internet/Schering-Plough sponsored seminar on Bacterial Disease in Warm water Fish: New Strategies for Sustainable Control in conjunction with the 2011 World Aquaculture Society Meeting, Natal, Brazil, 6 June 2011.
(Information: M. Reantaso .
- OIE Global Conference on Aquatic Animal Health Programmes: their benefits for global food security, Panama, 28-30 June 2011.
(Information: R. Subasinghe .
- OECD Co-operative Research Programme funded Symposium on Disease in Aquatic Crustaceans: Problems and Solutions for Global Food Security, Halifax, Canada, 7 August 2011.
(Information: M. Reantaso .
- Aquaculture Biodiversity Symposium, a special session of the American Fisheries Society 2011 Annual Meeting, 8 September 2011, Seattle, Washington.
(Information: M. Reantaso .

Upcoming FAO Meetings/Workshops

- A technical meeting and training on the **Aquaculture Network for Africa (ANAF) Web site: data collection and dissemination tools**, will be held in Jinja, Uganda, 23-25 November 2011. The technical meeting aims to provide training to the ANAF Regional Centre staff based in Lake Victoria Fisheries Organization (Uganda) and National Focal Points on the ANAF Web site, discuss ways for improvement the aquaculture publication flow through the information system and one day discussion with the responsible officers on the existing regional networks/information systems to strengthening their collaboration. The meeting will also provide a one day technical training on geo-information including basic concepts,

emerging issues and applications concerning the use of geo-information in fisheries and aquaculture.

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