



## FAO Aquaculture e-Bulletin

*March 2012*

*Welcome to this edition of the **FAO Aquaculture e-bulletin**, covering our most recent news, publications, technical workshops and projects for the period **November 2011 to March 2012**.*

*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](http://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

- **COFI Sub-Committee on Aquaculture Sixth Session, 26-30 March 2012, Cape Town, South Africa.** Hosted by the Government of South Africa, COFI/SCA VI has the following technical agenda: Progress reporting on the implementation of the Code of Conduct for Responsible Fisheries; Implementation of the FAO technical guidelines on aquaculture certification; Improving aquaculture data and information: a progress review; Feeding the growing aquaculture sector: an analysis; Towards a plan of action for the COFI Sub-Committee on Aquaculture; Special event on genetic resources and technologies in aquaculture development: opportunities and challenges.

In response to the request by the 29th Session of the Committee on Fisheries (COFI), FAO

will organize a scoping workshop on regional cooperation for responsible aquaculture and fisheries development in the central Asian and Caucasian countries on 6-10 June 2012 in Urumqi of China. This is to further strengthen cooperation in aquaculture and fisheries development among Central Asian (Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan) and Caucasian countries (Azerbaijan, Armenia, Georgia) and to facilitate the bilateral cooperation between China and its neighbouring countries in the central and south Asia, including the countries that are under FAO south-south cooperation programme and also the countries that are the focus countries in the region to roll out their national programme for food security (NPFS) with assistance from FAO.

- **FAO Aquaculture Photo Library.** The aquaculture service has published on the Internet the aquaculture photo library which is especially addressed to extension services, aquaculture research centres and educational institutes that can use the photo library to learn more on aquaculture by means of a visual approach. The photo library contains more than 1 600 high resolution photos and all users are invited to contribute with their photos.

## Recent publications


- **FAO Aquaculture Newsletter – FAN 48.** The December 2011 issue of FAN contains an editorial on “Biennium 2010-2011 recap and what’s in store for biennium 2012-2013” which provides a summary of the main achievements of the FAO aquaculture group in response to the requests made by member countries. The aquaculture highlights include articles on the coming 6th Session of the COFI Sub-Committee on Aquaculture; outputs of the 13th Session of the COFI Sub-Committee on Fish Trade; "Colombo Declaration" strengthens regional cooperation in aquaculture development; Implication of climate change on fisheries and aquaculture for adaptation and mitigations and strengthening fisheries and aquaculture

assessment; Aquaculture Network for Africa (ANAF): web site data collection and dissemination tools; aquafeed production, species diversification, desert and arid lands aquaculture development in Namibia; Western Central Atlantic Fishery Commission; Training course on aquaculture zoning and carrying capacity; New aquaculture projects in the Pacific; Development of a Pacific Aquaculture Regional Cooperative Programme; Future sub-regional Aquaculture Network in Micronesia, the Pacific; Training course on aquaculture, aquatic animal health and food safety for fisheries/aquaculture specialist and veterinarians. It also focuses on aquaculture projects: aquaculture information management system in Thailand; improve aquaculture food safety in Hubei Province; improving national carp seed production system in Nepal; empowering women through streamlining clam collection and marketing in Tunisia. 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: M. Reantaso )

See the [FAN Publications](#) page.

- Shelley, C.; Lovatelli, A. **Mud crab aquaculture - A practical manual**. FAO Fisheries and Aquaculture Technical Paper. No. 567. Rome, FAO. 2011. 78 pp.  
(Contact: A. Lovatelli )
- Tacon, A.G.J., Hasan, M.R. and Metian, M. 2011. **Demand and supply of feed ingredients for farmed fish and crustaceans: trends and prospects**. FAO Fisheries and Aquaculture Technical Paper No. 564. Rome, FAO. 87 pp.  
(Contact: M.R. Hasan )
- Crespi, V.; Lovatelli, A. **Aquaculture in desert and arid lands: Developments and constraints**. FAO Technical Workshop. 6-9 July 2010, Hermosillo, Mexico. Proceedings No. 20 Rome, FAO. 2011. 202 pp.  
(Contact: V. Crespi  and A. Lovatelli )

- FAO. 2011. FAO. **Aquaculture development. 5. Use of wild fish as feed in aquaculture. FAO Technical Guidelines for Responsible Fisheries.** No. 5, Suppl. 5 (also available in **Chinese**). Rome, FAO. 79 pp.  
(Contact: M.R. Hasan )

## Web-based products

**FAO Aquaculture Information Products 2010-2011** This publication available both online and as CD-ROM is the third issue prepared by the Aquaculture Service, provides a list of FAO aquaculture information products published during the biennium 2010-2011. More than ninety products related to aquaculture, including CD-ROMs and newsletters have been published and distributed worldwide during that time, in both hard and electronic versions. All titles are available as PDF file or online). To receive a copy of the CD-ROM contact Mr V. Crespi .

## **National Aquaculture Sector Overview (NASO)**

- Two new Fact Sheets: **Canada** and **Tonga**
- Two updated Fact Sheets: **Montenegro** and **Spain** (Spanish version)

## **National Aquaculture Legislation Overview (NALO)**

- Three new Fact Sheets: **Angola** (Spanish version), **Mozambique** (Spanish version) and **Tunisia** (French version)

## **Cultured Aquatic Species Fact sheet**

- Two new Fact Sheet: **Brine shrimp nei** (*Artemia* spp.) and **Pike-perch** (*Sander lucioperca*)

## 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/MLI/3304** - The project entitled “Validation and dissemination of integrated rice-fish farming systems through Farmer Field Schools in Mali” builds on experiences with integrated rice-fish farming linked to integrated pest management practices gained in South East Asia and further developed in Guyana and Suriname. Major aim of this project is to validate rice-fish farming systems adapted to the Malian context through Farmer Field Schools and to disseminate successful approaches.


(Lead Technical Officer: M. Halwart )

- Validation and dissemination of integrated agriculture systems in Burkina Faso - This project funded by and implemented in close collaboration with AGD aims at capacity building, curriculum development and field trials for integrated rice-fish culture in Burkina Faso. Two FAO aquaculture officers travelled to Burkina Faso in December 2011 in order to discuss further details of the implementation of the project. Results of a potential TCP project that would build on the activities were discussed.

(Lead Technical Officer: M. Halwart )

- **TCP/BGD/3301** - In 2012, FAO has started implementing a project on identification and

understanding of key technical, economic and social constraints to seed and feed production and management in Bangladesh. The project is expected to identify the most pertinent issues related to feed and seed for sustainable aquaculture development in the country.

(Lead Technical Officers: M.R. Hasan  and Weimin Miao )

## **Aquaculture and aquaculture-related events (2012-2013)**

- Inception workshop for the Aquaculture for Food Security, Poverty Alleviation and Nutrition (AFSPAN) project. Penang, Malaysia. 23-26 April 2012.  
(Contact: R. Subasinghe )
- EIFAAC: European Inland Fisheries and Aquaculture Advisory Commission. 27th Session, Hämeenlinna, Finland 11-15 June 2012.  
(Contact: G. Marmulla )
- FAO Scoping Workshop on Regional Cooperation Programme for Responsible Aquaculture and Fisheries Development in the Central Asian and Caucasian countries. Urumqi, Xinjiang, China, 4-8 June 2012.  
(Contact: J. Jia )
- FAO/NACA Regional Expert workshop on use of aquaculture assessment tools in aquaculture planning and management for sustainability in Asia. Thailand, June 2012.  
(Contact: W. Miao )
- 30th Session of the Committee on Fisheries (COFI), FAO Headquarters, Rome, Italy, 9-13 July 2012.  
(Contact: H. Watanabe )
- FAO/NACA Regional Expert Consultative Meeting on promoting sustainable intensification of aquaculture in Asia and the Pacific. Bangkok, Thailand, August 2012.  
(Contact: W. Miao )
- APFIC: Asia-Pacific Fishery Commission – 4th Regional Consultative Forum Meeting. Danang

Vietnam, September 2012.

(Contact: S. Funge-Smith )

- APFIC: Asia-Pacific Fishery Commission- 32nd Session Danang. Vietnam, September 2012.

(Contact: S. Funge-Smith )

- CIFAA: Committee for Inland Fisheries and Aquaculture of Africa 17th Session.

(Contact: J. Moehl )

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