



AQUA 2012 – the joint event organized by the European and World Aquaculture Societies – will bring together scientists, suppliers, producers, policy makers and others to the beautiful city of Prague during the first week of September to share and exchange information on the development of global aquaculture.

AQUA 2012 is organised by the EAS and WAS in cooperation with the Faculty of Fisheries and Protection of Waters of the University of South Bohemia.

**AQUA 2012 Gold Sponsor: BIOMAR**

**WAS Premium Sponsor: NOVUS**

**AQUA 2012 Silver Sponsor: ALLTECH**

**EAS Premium Sponsors: MSD Animal Health and SINTEF**

**AQUA 2012 Session Sponsor: BIOMIN**

**Supported by the Ministry of Agriculture of the Czech Republic.**

## THE OPENING CEREMONY

The opening of the event will take place at the Prague Congress Centre in the evening of Saturday, September 1 and will feature short welcome speeches from **Petr Bendl**, Czech Minister of Agriculture; **Maive Rute**, Director for Biotechnology, Agriculture and Food research in DG RTD of the European Commission and **Qingyin Wang**, Director general/Senior scientist with Yellow Sea Fisheries Research Institute and Chinese Academy of Fishery Sciences.

The opening ceremony will be followed by the AQUA 2012 Welcome Reception.

## KEYNOTE SPEAKERS

The keynote presentations of AQUA 2012 address the theme of the event, namely “**Global Aquaculture – Securing our Future**”.

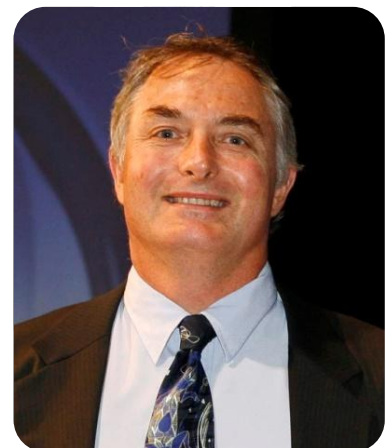
The two presentations will provide industry and science perspectives on the different aspects of the theme, which has obvious implication in global and regional food security and aquaculture trade. It also refers to economic and environmental sustainability and the image of aquaculture activities. Our future is what we make of it now – how we alleviate poverty; how we manage our future resource needs and especially how we educate, train and manage knowledge for the next generation of aquaculture researchers, producers and other stakeholders.



**Petter Arnesen** has more than 20 years experience in various sectors of the salmon industry. Petter gained a Ph.D. degree in animal nutrition from the University of Life Sciences (UMB), Norway, in 1993. He currently serves as Group Technical Breeding & Genetics Manager of Marine Harvest Group (new position established 2011). He was Vice President Feed & Environment in Marine Harvest ASA before that and continues to be involved in sustainability processes. Previous jobs include that of Technical Director Marine Harvest ASA, Vice President Corporate Quality and Feed of Fjord Seafood ASA, Executive Director of BioMar Chile, R&D Director of the BioMar Group, and research scientist at AKVAFORSK (now Nofima Marine) in Norway.

Petter is a member of the Board of the European Aquaculture & Innovation Platform (EATIP); the Steering committee of the WWF headed Salmon Aquaculture Dialogue; the Board of MareLife (Norwegian marine innovation network); the Advisory Group ISO TC234; the Technical committee of the International Fishmeal and Fish Oil Organisation’s Responsible Sourcing Standard and the Supervisory Board of the Canada Excellence Research Chair in Aquatic Epidemiology at the Atlantic Veterinary College, Prince Edward Island.

Dr **Geoff Allan** is the Principal Director, Fisheries and Director of the Port Stephens Fisheries Institute, Department of Primary Industries NSW, Australia. He led the aquaculture research unit for NSW for over 15 years and has worked extensively as a Fisheries Program Consultant for the Australian Centre for International Agricultural Research (ACIAR) to develop and manage projects in developed countries, primarily PNG and Vietnam. Geoff has led national & international research on aquaculture & nutrition and was a Theme Leader for Aquaculture Production in the Australian Seafood Cooperative Research Centre. He is a founding Trustee of Aquaculture without Frontiers & a Past-President of the World Aquaculture Society and the Asian-Pacific Chapter of the World Aquaculture Society. Geoff is an editor on three international scientific journals, Co-Editor of the book, *New Technologies in Aquaculture* and author of over 80 scientific papers and over 150 other articles or reports on aquaculture.



## THE CONFERENCE PROGRAMME

To date, more than 1.100 abstracts have been submitted for oral or poster presentation. The Programme co-chairs Marco Saroglia, José Polanco and Zdenek Adamek have done an excellent job to incorporate these into some 60 sessions that will run over the four days of the conference.

Posters will be displayed on an area that overlooks the trade exhibition. The tentative session schedule...

### Sunday, September 2

ASEM Aquaculture Platform  
GILLS  
Reservoir Based Aquaculture  
Offshore Aquaculture  
Environmental Interactions Assessment/Mitigation  
EU Session  
Novel Feeds, Ingredients and Feed additives  
[Sponsored by Biomin](#)  
Finfish Health, [Sponsored by MSD Animal Health](#)  
Genetics & Biotechnology  
Pond Culture  
Standards & Certification  
Sturgeon  
Tilapia, [Sponsored by Biomar](#)  
Finfish Larviculture  
General Aquaculture Farmers Day  
Health Attributes of Seafood and Processing  
Cage Culture

### Monday, September 3

[Sponsored by Aquacultural Engineering Society](#)  
Cage Culture - continued  
Education, Extension, and Technology Transfer  
Sturgeon - continued  
RAS Feed, Fish Biology, [Sponsored by Biomar](#)  
Economics and Management [Sponsored by IAAEM](#)  
Environmental Interactions Assessment/Mitigation - continued  
Finfish Larviculture  
Genetics & Biotechnology - continued  
Lifecycles  
Oysters, Pearl Oysters, Scallops, Clams, Abalone  
Health through Nutritional Strategies  
[Sponsored by Novus International](#)  
Seaweeds and Microalgae  
Aquaculture in Central & Eastern Europe  
Other Marine Invertebrates  
Perch and Pikeperch  
Salmon and Cod Aquaculture  
General Aquaculture Contributed  
RAS: Technologies  
[Sponsored by Aquacultural Engineering Society](#)

### Tuesday, September 4

Environmental Interactions Assessment/Mitigation - continued  
Other Marine Invertebrates - continued  
RAS: Technologies - continued  
Aquatic Animal Welfare  
Finfish Morphology and Physiology  
Markets and Marketing  
Plankton Culture  
Salmon and Cod Aquaculture - continued  
Crustaceans  
Development, Welfare and Poverty Alleviation  
Intervention or Prevention: the Role of Nutrition on Health and Performance. [Sponsored by Alltech](#)  
Genomic & Emerging Tools in Aquaculture  
Microbial Community Management  
Barramundi  
Freshwater Farmers Day  
Integrated Multi-trophic Aquaculture  
Biodiversity & Climate Change  
FAO/NORAD Value Chain Analysis in Fisheries & Aquaculture  
Finfish Reproduction and Broodstock Management  
Mussels  
Tuna, Cobia, Yellowtail, and Other Marine Fish  
Finfish Larviculture - continued

### Wednesday, September 5

Tuna, Cobia, Yellowtail, and other Marine Fish - cont  
Immunology  
Policy and Regulations  
General Nutrition 1  
General Nutrition 2  
Integrated Multi-trophic Aquaculture - continued  
Bio-floc Systems  
Carps and Other Cyprinids  
Escapees: Causes, Consequences & Prevention  
Finfish Reproduction & Broodstock Management - continued  
Food Safety and Inspection IAFI  
Mediterranean Mariculture  
Ornamentals  
Trout  
RAS Aquaponics  
Drugs and Therapeutants  
Octopus & Cuttlefish

## INTERNATIONAL TRADE EXHIBITION

As with all EAS and WAS events, AQUA 2012 will include an international trade exhibition. To date, more than 65 exhibitors on 85 stands and from 25 countries will present their products and services.

A certain number of booths are still available, so please contact Mario Stael [mario@marevent.com](mailto:mario@marevent.com) to reserve your space.

## INDUSTRY EVENTS AND WORKSHOP

Several events have been organised to bring together scientists, suppliers and producers to address issues affecting the sector and to identify opportunities and challenges:

On September 1<sup>st</sup>, the **EAS Thematic Group European Percid Fish Culture** (EPFC) will organise a workshop on the culture of pike=perch, perch and other members of the percidae family based on sub-sessions addressing broodstock management and fingerling production; ongrowing and nutrition and marketing and training. In each session, a selection of short presentations from industry and research representatives will give an overview over the current status and will be followed by a panel discussion.

Also on that day, world expert Tom Losordo will deliver a workshop on **Recirculating Aquaculture Systems** (RAS).

On September 2<sup>nd</sup>, A **General Aquaculture Farmers' Day**, supported by AQUA 2012 Gold Sponsor BIOMAR, will address issues such as marketing, addressing multi-species, multi-environment feed needs; focus on marine fish, tilapia and mollusc industries and technology / engineering aspects. It will terminate with a special celebration of BIOMAR's 50<sup>th</sup> Anniversary.

The Czech Minister for Agriculture Round Table, also on that day will focus on **the quality of fish meat**, and will bring invited experts from several countries around the table to discuss effect of breeding, nutrition, husbandry and processing on this attribute.

**The Freshwater Farmers Day** on September 4<sup>th</sup> is supported by the Ministry of Agriculture of the Czech Republic and will include sessions on general nutrition, sturgeon culture, carp culture, genetic approaches in freshwater aquaculture, husbandry and management and new species.



MINISTRY OF AGRICULTURE OF THE CZECH REPUBLIC



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[www.easonline.org](http://www.easonline.org) or [www.was.org](http://www.was.org)



## FARM TOURS

Immediately following AQUA 2012, on September 6, two special one-day farm tours will allow delegates to visit farming activities and typical historical monuments in the Czech Republic.

The first tour will focus on **Carp pond aquaculture**, including the visit of the biggest fish farm (Fishery Trebon Ltd.), with the biggest traditional fish pond ("Rozumberk pond") of 647 hectares and fish stew. A special visit in the traditional local brewery Regent in Trebon town will be organized for participants of this tour. The technology for the production of typical Czech beer will be presented with special testing of Czech beer produced in South Bohemia. Following this, a short tour will be done around historical center of the old town of Trebon. Lunch will be served in typical fish restaurants. The tour will continue to visit Fishery Nove Hradky Ltd.



with a typical carp stew and a modern hatchery before returning to Prague.

The second tour will focus on **Trout farming in the Czech Republic** including visiting a small family trout farm near to Vacov and the biggest trout farm in the Czech Republic in Anin. After visiting the facilities, participants on this tour will go to Klatovy town where short sightseeing and lunch will be organized. This tour will continue with an excursion to the modern fish processing line of Klatovske Fishery Ltd. in Klatovy before returning to Prague.



**The members of the AQUA 2012 Steering, Programme and Local Organising Committees have been working hard to make AQUA 2012 a resounding success. We all look forward very much to seeing you in Prague in September.**

