

Regional Aquaculture Conference 2014

9-11 December 2014, CIHEAM-IAM Bari, Italy

www.aquaculture2014.org

Blue Growth in the Mediterranean and the Black Sea:
Developing Sustainable Aquaculture for Food Security



Italian Presidency
of the Council
of the European Union



Food and Agriculture
Organization of the
United Nations



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Panel 2

A healthy environment, a stronger aquaculture industry

Panel prospectus

Panel 2

A healthy environment, a stronger aquaculture industry

Description

Sustainable aquaculture development is dependent on clean, healthy and productive waters. Fostering environmental protection through responsible aquaculture practices is essential to find the most effective way to achieve food security and economic development, while minimising environmental impacts. Panel 2 discussions aim to share knowledge on how best to manage environmental interactions of aquaculture activities and support potential mutual benefits between aquaculture development and environmental protection, while ensuring human and fish healthiness.

Discussion topics

The Panel will explore in particular the following aspects:

- Aquaculture - environment interactions
- Harmonized environmental monitoring programme (EMP) for marine finfish cage farming in the Mediterranean and Black Sea
- Allocated zones for aquaculture (AZA) and allowable zone of effect (AZE)
- Development and implementation of aquaculture better management practices (BMP)
- Biosecurity concerns associated to aquaculture
- Aquatic animal health and disease management
- Risk analysis and risk management in aquaculture

Dynamics

The Panel will be chaired by two Chairpersons who will open the session and outline the main objectives and targets of the Panel. A keynote speaker will then present the background paper and introduce the key topics to be tackled by the Panel. A question and answers session will follow among panelists who will debate over the questions raised. Panel participants will also have the opportunity to ask additional questions related to the Panel theme. At the end of the session, the main discussions will be wrapped up synthesized to distil key messages to be brought before the High-Level Conference.

Panel 2 Programme

14:30–17:30¹

- **Panel opening by Chairs**
- **Presentation by Keynote Speaker**
- **Presentation of Panelists**
- **Questions & Answers session**
- **Open discussion**
- **Wrap-up and synthesis of Panel 2: Key messages for the High-Level Conference**

¹coffee break: 16:00–16:15

Panel 2 members' profile

Chairs



Mr François Simard – IUCN

Mr François Simard is currently Deputy Director and Senior Advisor for Fisheries for the Global Marine and Polar Programme within the International Union for Conservation of Nature (IUCN). François Simard is a marine ecologist with more than 30 years of experience in marine conservation and sustainable use. After majoring in applied ichthyology, he has been working several years in Japan on coastal fisheries and aquaculture management, and at the Monaco Oceanographic Museum, he is working with IUCN since 2003, from 2003 to 2009 as Marine Programme Coordinator for the Mediterranean, and from 2009 as Deputy Director of the Global Marine and Polar Programme. During the 10 later years he worked on the sustainable development of aquaculture, especially in the Mediterranean, in collaboration with the European aquaculture sector in order to fully address environmental issues linked with aquaculture development. He is member of the Board of the European Aquaculture Technology and Innovation Platform.



Mr Giuseppe Arcangeli – ICZS Venezie (Italy)

Dr Giuseppe Arcangeli is a veterinary with a 20-year experience in the field of seafood safety and fish, mollusc and crustacean pathology. He is the Director of the National Reference Centre (NRL) for Fish, Mollusc and Crustacean Diseases and Head of the Laboratory for Safety of Processed Seafood at IZSVe, Italy. In coordination with the local veterinary services, Dr Arcangeli supervises the seafood chain production and provides support to the Italian Ministry of Health, to regional authorities and private farmers in the field of seafood safety, control and monitoring of sanitary programmes. He is involved as an expert and trainer in activities carried out in this field by the European Commission as well as by the Italian Ministry of Health. He is President of the Italian Society of Applied Research to Molluscs Culture (SIRAM).

Keynote speaker



Mr Mohamed Salah Romdhane – National Agriculture Research Institute (Tunisia)

Mohamed Salah Romdhane is professor at the National Agriculture Research Institute of Tunis, University of Carthage. He holds an engineering degree in fisheries, a doctorate in marine biology and oceanography, and a Ph.D. in aquaculture. He is heading the research unit on Aquatic Ecosystems and Resources, he is member of several scientific councils and he has headed the National Commission for programming and evaluating fisheries and aquaculture research. He has written more than 150 national and international publications and done more than 50 assignments in Tunisia and abroad in the fields of environment, aquaculture and biodiversity.

Panelists



Ms Güzel Yücel Gier – University Institute of Marine Sciences and Technology (Turkey)

Ms Güzel Yücel Gier is currently researcher and educator at Dokuz Eylül University, Institute of Marine Sciences and Technology. She holds a bachelor's degree in nutrition from the Hacettepe University, a Master of Science degree in Marine Aquaculture from the Institute of Biology, University of Caen. She holds a PhD in aquaculture from the Istanbul University. She has contributed to many national and international projects and she has published widely and has organized many conferences and workshops. She has contributed to an informative documentary film on the Izmir Bay.



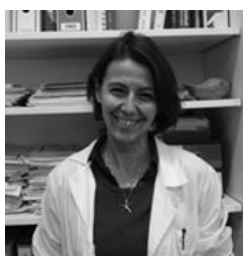
Mr Nhhala Hassan – INRH Aquaculture Centre (Morocco)

Mr Hassan Nhhala, born on 8 October 1959, is the Head of the Aquaculture Centre of the *Institut National de Recherche Halieutique* (INRH) in M'diq, Morocco, dealing with applied marine aquaculture research. He graduated in 1985 as an agronomic engineer with a specialization in marine aquaculture from the Agronomic and Veterinary Institute Hassan II (Rabat, Morocco) and he holds a M.Sc. (DESS) in marine aquaculture obtained in 1984 at the University of Caen (France). He worked first for six years in a private aquaculture farm. Then, he integrated, in 1994, scientific and technical applied research in marine aquaculture. He has a six-year experience in bluefin tuna aquaculture, site selection and aquaculture development planning, aquaculture projects assessment, aquaculture environmental impact study. He has been involved in many Mediterranean aquaculture cooperative projects. He was a SIPAM national coordinator from 2011 to 2013 and he is a member of the steering committee of the GFCM Aquaculture Multi-stakeholder Platform (AMShP).



Mr Pablo Sanchez-Jerez – University of Alicante (Spain)

Mr Pablo Sanchez-Jerez has been a lecturer at the Department of Marine Science and Applied Biology of the University of Alicante since 1997. As a researcher on the sustainable management of marine resources, he has focussed over the last 10 years on the environmental management of coastal aquaculture. He has published more than hundred papers in this field. He has participated in many national and European projects related to the monitoring of fish farming, interactions with fisheries, IMTA, or management of escapes, etc. He also remarkably collaborated with NINA and NOFIMA (Norway), studying the impact of salmon farming, and with FAO (CFGM), participating in several projects regarding site selection and carrying capacity of marine aquaculture. He has participated on the development of national and regional programmes on sustainable aquaculture.



Ms Marialetizia Fioravanti – Università di Bologna (Italy)

Ms Marialetizia Fioravanti is currently an associate professor of animal parasitology and parasitic diseases at the Department of Veterinary Medical Sciences (DIMEVET) of the Bologna University, School of Agronomy and Veterinary Medicine, Alma Mater Studiorum, Italy. She has a degree in Veterinary Medicine and a PhD in Parasitology and Parasitic Diseases of Animals. She is currently director of the first level vocational Master Course in Aquaculture and Fish Pathology. Her main teaching and research topics are parasitic diseases of aquatic animals, fish-borne zoonoses and health management in aquaculture. Since 2001, she has been responsible for the Fish Pathology Laboratory of the DIMEVET and she has been nominated President of the Italian Society of Fish Pathology from 2004 to 2010. Marialetizia Fioravanti is also the co-author of over 300 scientific papers/conference abstracts on parasitology and fish diseases.



Mr Malek Mtimet – Porto Farina (Tunisia)

Mr Malek Mtimet is currently the Managing Director of the Porto Farina company, Tunisia. Born in 1968, Malek Mtimet is living in Tunis with his wife and his two children. He works in seabass and seabream aquaculture operations in offshore cages. He graduated in fisheries at the Institut National d'Agronomie of Tunis in 1990, and then continued his studies in France in the same specialty. In 1991, he graduated from the École Nationale Supérieure Agronomique of ennes and, in 1993, he obtained a degree from the Institut Supérieur de Production Animale. He began his career as a researcher at the Institut National des Sciences et Technologies de la Mer (Tunis) in 1993. In 1996, he joined a Tunisian private group as a manager of several operating fisheries companies (tuna and lagoon operations). In 2006, he joined the first Tunisian seabass and seabream "offshore" cages fish farming as a Chief Operating Officer before becoming, in 2010, he became the Managing Director of Porto Farina.



Mr Florent Tarbouriech – Médithau Marée SA (France)

Since Mr Tarbouriech has discovered, behind his diving mask, the wealth of submarine life, the passion for his job as a shellfish farmer has never left him. When he was 20 years old, he took back the oyster farm established by his father in 1962 and created Médithau, with the ambition to make of the Mediterranean oyster an exceptional product. Supported by a team of passionate people, Florent Tarbouriech has been involved in quality management and certification processes, following a sustainable development and innovative approach.



Mr Giuseppe Prioli – AMA, mussels culture (Italy)

Mr Giuseppe Prioli is currently the President of the Associazione Mediterranea Acquacoltori (AMA), an Italian association which has among its members most of the Italian shellfish producers. Giuseppe Prioli graduated in Biological Sciences and he has been working since 1986 in cooperative structures for technical assistance in the field of fisheries and aquaculture. As part of his activities, he has carried out several experiments on the rearing of bivalve molluscs, mussels and oysters, and he has contributed to the implementation of statistical surveys on the shellfish production. Since 1997, he has been following the activities of a mussel farmers consortium in the Emilia-Romagna region, first as a director and, since 2007, as a president. He became president of AMA in 2010.



Ms Tatjana Boroša Pecigoš – Ministry of Agriculture (Croatia)

Ms Tatjana Boroša Pecigoš is currently working in Ministry of Agriculture, Directorate of Fisheries, as senior expert adviser for aquaculture. She was born on 1st January 1976 in Zagreb, Croatia. She graduated in 2000 at Faculty of Science, Zagreb taking a bachelor's degree in biology, major in ecology. She is currently running postgraduate specialistic study in fisheries at Faculty of Agronomy, Zagreb. She has been working in Ministry of Agriculture, Directorate of Fisheries since 2002, dealing with different fishery related fields and participating in several international projects. Her close contact with aquaculture began in 2008, when she started working within the Service for aquaculture, focusing mostly on the freshwater aquaculture related issues. She is the SIPAM (GFCM-CAQ) national coordinator (freshwater) for Croatia.