

Global Conference on Aquaculture 2010

A collaborative effort of FAO,
NACA and the
Thai Department of Fisheries



Farming
the
Waters
for
Food
and
People

The Mövenpick Resort & Spa Karon Beach

22–25 September 2010

Phuket, Thailand





Objectives and Expected Outcomes

Reflecting on the progress made in developing aquaculture as a sustainable food producing sector through two milestone events beginning from the Kyoto Conference in 1976, and 25 years later during the Conference on the Third Millennium in 2000, the Global Conference on Aquaculture 2010 brings together a wide-ranging group of experts and important stakeholders to take stock of aquaculture's progress and further potential, as a basis for positioning the sector and its agenda to the global community.

The aims of the Conference are to:

- review the present status and trends in aquaculture development
- evaluate the progress made in the implementation of the 2000 Bangkok Declaration and Strategy
- address emerging issues in aquaculture development
- assess opportunities and challenges for future aquaculture development
- build consensus on advancing aquaculture as a global, sustainable and competitive food production sector

In order to achieve these objectives, the Conference is structured into four dynamic sessions over four days. The Conference will be informed by two Keynote Addresses, six Plenary Lectures, and four Invited Guest Lectures. To facilitate global understanding of the current status of aquaculture development and the numerous issues facing the sector, six regional reviews on aquaculture development in the past decade and a global synthesis will be presented, followed by 22 Expert Panel Presentations covering six broad thematic areas on key aspects pivotal to aquaculture development, management and sustainability in the coming decades. These include: (i) resources and technologies for future aquaculture, (ii) sector management and governance, (iii) aquaculture and the environment, (iv) responding to market demands and challenges, (v) improving knowledge, information, research, extension and communication in aquaculture, and (vi) enhancing its contribution to food security, poverty alleviation and rural development.

A poster session will enable participants to present technical and experience papers and interact with experts and stakeholders. Industry dialogue events will provide a platform to bring together various stakeholders to discuss important issues.

The Conference will be concluded by a plenary presentation of a Draft Consensus and Strategy for Global Aquaculture Development.

The global community is welcome to participate in this Conference and share responsibility in making aquaculture a sustainable food producing sector.



Keynote Speakers Profile



Professor Monkombu Sambasivan Swaminathan

Professor Swaminathan's main areas of research are cytogenetics, plant breeding, agriculture, biodiversity and eco-development. He was one of three from India included in TIME Magazine's 1999 list of the "20 most influential Asian people of the 20th century", the other two being Mahatma Gandhi and Rabindranath Tagore. He is a Fellow of the Royal Society of London, the U.S. National Academy of Sciences, the Russian Academy of Sciences, the Chinese Academy of Sciences, the Italian Academy of Sciences and the European Academy of Arts, Science and Humanities. He is recipient of many distinguished international (e.g., Ramon Magsaysay Award for Leadership [1986], Albert Einstein World Science Award [1986], first World Food Prize [1987], UNESCO Gandhi Gold Medal, France [1999], Franklin D. Roosevelt Four Freedoms Medal, Netherlands [2000], Volvo and Tyler Prize for Environment, Shining World Leadership Award, Singapore [2007], Sahametrei Medal of the Royal Government of Cambodia [2007] and national (e.g. Lifetime Achievement Award of All India Management [2007], Lal Bahadur Shastri National Award [2007], Indira Gandhi Prize for Peace, Disarmament and Development [2000], Shanti Swarup Bhatnagar Prize [1961]) awards and holds 58 honorary doctorate degrees from universities around the world. He will present a Keynote Address "Aquaculture and Sustainable Nutrition Security in a Warming Planet".



Mr Jiansan Jia

Mr Jiansan Jia has been working with the Food and Agriculture Organization of the United Nations (FAO) as Chief of the Aquaculture Service since 1998. Before joining FAO, he worked for the government of the People's Republic of China for more than 20 years holding several important leading positions with provincial and central government authorities in both national and international agriculture and fisheries and aquaculture development (e.g. Director General of the China National Corporation for International Cooperation in Agriculture, Livestock and Fisheries; Director General of the International Cooperation, Ministry of Agriculture; Executive Vice-President of China National Fisheries Corporation; Deputy Director General of the Bureau of Fisheries; Vice Governor of Wujiang County, Jiangsu Province). During the past 12 years, he has devoted himself to sustainable development of aquaculture at global and regional levels by leading the FAO Aquaculture Service based in Rome; he was one of the leading organizers of the Conference on Aquaculture in the 3rd Millennium held in Bangkok in 2000, and promoted the establishment and advancement of the FAO's Committee on Fisheries (COFI) Sub-Committee on Aquaculture. Mr Jia is currently the Co-Chair of the International Organizing Committee of the Global Conference on Aquaculture 2010. At the Conference, he will present a Keynote Address entitled "Global Aquaculture Development since 2000".



Technical Programme

Tuesday 21 September

13.00 – 18.00 Registration

DAY 1 – Wednesday 22 September

SESSION 1: INTRODUCTION AND OPENING

08.45 – 09.30 Opening ceremonies
Welcome Remarks

- Ministry of Agriculture and Cooperatives of Thailand
- Assistant Director General **Ichiro Nomura**, Food and Agriculture Organization of the United Nations (FAO)
- Director General **Somying Piumsombun**, Department of Fisheries of Thailand
- Director General **Sena De Silva**, Network of Aquaculture Centres in Asia and the Pacific

09.30 – 10.15 **Opening Keynote Address 1:** Aquaculture and sustainable nutrition security in a warming planet – **Professor Monkombu Sambasivan Swaminathan (India)**

10.15 – 11.00 **Opening Keynote Address 2:** Global aquaculture development since 2000: progress made in implementing the Bangkok Declaration and Strategy for Aquaculture Development Beyond 2000 – **Mr Jiansan Jia (FAO)**

11.00 – 11.30 Coffee break

SESSION 2: REGIONAL AND GLOBAL REVIEWS ON AQUACULTURE

11.30 – 12.00 Sub-Saharan Africa – **Dr Benedict Satia (USA)**

12.00 – 12.30 Asia-Pacific – **Dr Sena De Silva (Thailand)**

12.30 – 13.00 Europe – **Dr Laszlo Varadi (Hungary)**

13.00 – 14.30 Lunch break

14.30 – 15.00 Latin America and the Caribbean – **Dr Carlos Wurman (Chile)**

15.00 – 15.30 Near East and North Africa – **Dr Issam Krouma (Syria)**

15.30 – 16.00 North America – **Dr Paul Olin (USA)**

16.00 – 16.30 Coffee break

16.30 – 17.15 Global aquaculture development: a comprehensive analysis – **Mr Imtiaz Ahmad (USA)**

17.15 – 18.00 Plenary Discussion





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DAY 2 – Thursday 23 September

SESSION 3: THEMATIC SESSIONS

THEMATIC SESSIONS I AND II

08.30 – 09.15	Plenary Lecture I: Resources, technologies, and services for future aquaculture: a needs assessment for sustainable development – Dr Patrick Sorgeloos (Belgium)	
09.15 – 10.00	Plenary Lecture II: Sector management and governance in aquaculture: an overview – Dr Neil Riddler (Canada)	
10.00 – 10.30	Coffee break	
10.30 – 11.30	Thematic Session I: Resources, technologies and services for future aquaculture	Thematic Session II: Sector management and governance in aquaculture
	Expert Panel Presentation I.1: Responsible use of resources for sustainable aquaculture – Dr Barry Costa-Pierce (USA)	Expert Panel Presentation II.1: Improving aquaculture governance: what is the status and who is responsible for what? – Dr Nathanael Hishamunda (FAO)
11.30 – 12.30	Expert Panel Presentation I.2: Novel and emerging technologies: can they contribute to improving aquaculture sustainability? – Dr Craig Browdy (USA)	Expert Panel Presentation II.2: Aquaculture and socio-economic growth and development: enabling policies and partnership for improved benefits – Dr Pingsun Leung (USA)
12.30 – 14.00	Lunch break	
14.00 – 15.00	Expert Panel Presentation I.3: Aquaculture feeds: addressing the long-term sustainability of the sector – Dr Albert Tacon (USA)	Expert Panel Presentation II.3: Investment, insurance and risk management for aquaculture development – Dr Clement Tisdell (Australia)
	Invited Guest Lecture I: Is feeding fish with fish a viable practice? – Mr Ulf Wijkström (Sweden)	
15.45 – 16.15	Coffee break	
THEMATIC SESSIONS III AND IV		
16.15 – 17.00	Plenary Lecture III: Maintaining environmental integrity through responsible aquaculture: constraints, opportunities and challenges – Dr Max Troell (Sweden)	
17.00 – 17.45	Plenary Lecture IV: Responding to market demands and challenges: making aquaculture a competitive food producing sector for the benefit of world consumers – Ms Lara Barazi-Yeroulanos (Greece)	
17.45 – 19.30	Poster viewing with authors	

DAY 3 – Friday 24 September

THEMATIC SESSIONS III AND IV - CONTINUED

08.30 – 09.30	Thematic Session III: Aquaculture and environment	Thematic Session IV: Responding to market demands and challenges: ensuring food safety and quality, economic viability and sectoral diversity
	Expert Panel Presentation III.1: Promoting responsible use and conservation of aquatic biodiversity for sustainable aquaculture development – Dr John Benzie (Ireland)	Expert Panel Presentation IV.1: Facilitating market access for producers: addressing market access requirements, evolving consumer needs, and trends in product development and distribution – Mr Jonathan Banks (UK)
09:30 – 10.30	Expert Panel Presentation III.2: Addressing aquaculture-fisheries interactions through the implementation of the ecosystem approach to aquaculture (EAA) – Dr Doris Soto (FAO)	Expert Panel Presentation IV.2: Consumer assurance: market-based quality schemes, certification and traceability, ecolabeling, retailer specifications – Dr Lahsen Ababouch (FAO)
10.30 – 11.00	Coffee break	
11.00 – 12.00	Expert Panel Presentation III.3: Improving biosecurity: a necessity for aquaculture sustainability – Dr Mike Hine (New Zealand)	Expert Panel Presentation IV.3: Organic aquaculture: the future of expanding niche markets – Dr Mark Prein (Germany)
	Lunch break	
12.00 – 13.30	Lunch break	

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DAY 3 – Friday 24 September (continued)

THEMATIC SESSIONS V AND VI

13.30 – 14.15	Invited Guest Lecture II: Role of aquaculture in healthy communities – Dr Melanie Siggs (UK)	
14.15 – 15.00	Plenary Lecture V: Improving knowledge, information, research, extension and communication on aquaculture – Dr Gary Jensen (USA)	
15.00 – 15.45	Plenary Lecture VI: Enhancing the contribution of aquaculture to poverty alleviation, food security and rural development – Dr Modadugu Gupta (India)	
15.45 – 16.15	Coffee break	
16.15 – 17.15	Thematic Session V: Improving knowledge, information, R&D and regional cooperation in aquaculture	Thematic Session VI: Enhancing the contribution of aquaculture to poverty alleviation, food security and rural development
	Expert Panel Presentation V.1: Investing in research, communication, training/extension for responsible aquaculture – Dr Brian Davy (Canada)	Expert Panel Presentation VI.1: Protecting small-scale farmers: a reality within a globalised economy? – Dr Rohana Subasinghe (FAO)
17.15 – 18.15	Expert Panel Presentation V.2: Servicing the aquaculture sector: role of state and private sectors – Dr Michael Phillips (Malaysia)	Expert Panel Presentation VI.2: Alleviating poverty through aquaculture: how can we improve? – Dr David Little (UK)
	19.00 – 20.30 Industry dialogue	

DAY 4 – Saturday 25 September

THEMATIC SESSIONS V AND VI - CONTINUED

08.30 – 09.15	Invited Guest Lecture III: Coping with climate change: a real challenge for aquaculturists? – Dr Sena De Silva (Thailand)	
09.15 – 10.15	Expert Panel Presentation V.3: Progressing aquaculture in this knowledge economy through virtual technology and decision-making tools for novel management – Dr João Gomes Ferreira (Portugal)	Expert Panel Presentation VI.3: Addressing human capital development and gender issues in aquaculture sector – Dr Meryl Williams (Australia)
	10.15 – 10.45 Coffee break	
10.45 – 11.30	Invited Guest Lecture IV: Global economic recession: is it a problem for aquaculture development? – Dr Ron Zweig (USA)	
11.30 – 12.30	Expert Panel Presentation V.4: Information and data needs: a strategy for improving aquaculture statistics – Mr Xiaowei Zhou (FAO)	Expert Panel Presentation VI.4: Supporting farmer innovations, disseminating indigenous knowledge and aquaculture success stories – Dr M.C. Nandeesha (India)
	12.30 – 14.00 Lunch break	
SESSION 4: SUMMARY PRESENTATIONS, RECOMMENDATIONS AND CONCLUSIONS		
14.00 – 14.30	Thematic I: Resources and technologies for future aquaculture	
14.30 – 15.00	Thematic II: Sector management and governance issues in aquaculture	
15.00 – 15.30	Thematic III: Maintaining environmental integrity through responsible aquaculture	
15.30 – 16.00	Coffee break	
16.00 – 16.30	Thematic IV: Responding to market demands and challenges; making aquaculture a safe and diverse food producing sector for the benefit of world consumers	
16.30 – 17.00	Thematic V: Improving knowledge, information, research, extension and communication on aquaculture	
17.00 – 17.30	Thematic VI: Enhancing the contribution of aquaculture to poverty alleviation, food security and rural development	
17.30 – 19.00	Presentation and discussion on the Draft Consensus and Strategy for Global Aquaculture Development	
20.00 –	Farewell dinner and closing	



REGISTRATION INFORMATION

	EARLY BIRD Until 31 st July 2010	LATE REGISTRATION After 31 st July 2010
Full registration	USD 300.00	USD 350.00
Student registration	USD 150.00	USD 175.00

Registration fee entitles participants to full access to all conference sessions, farewell dinner, copy of conference programme and book of abstracts and conference proceedings.

Participants are advised to complete the Hotel Booking on line.

Confirmed Sponsors so far:

