

ASIAN-PACIFIC AQUACULTURE 2011 (APA 2011) is the annual Conference of World Aquaculture Society Asia Pacific Chapter (WAS-APC), hosted by College of Fisheries, Kochi, jointly with the Kerala State Dept. of Fisheries, which will be held at Kochi, India during 17 – 20 January 2011.

This Aquaculture Conference & Trade Exhibition is the first WAS event in India that will be attended by world's well-known researchers, academics, administrators, industry, and aquafarmers, and is shaping up well with increased attention and confirmed participation from most parts of the world. The special session on freshwater prawns GIANT PRAWN 2011 (GP 2011) has also many world-renowned speakers lined up for the invited session. Thus APA 2011 is all set to become a landmark event in the history of Indian aquaculture, providing the best opportunity to meet and interact with so many international fisheries scientists coming to India at the same time.

Abstract Submission

Abstracts for APA 2011 and GP 2011 could be submitted online at www.was.org or www.apa2011.org up to 30 September 2010. Please check for the instructions given in the website. If you have trouble with the online submission system, please send your abstract in the specified format by email to apa2011@hotmail.com. There will be three-day concurrent technical sessions as part of the APA 2011, as well as a three-day invited session and one-day parallel session of contributed papers for GP 2011, in addition to the normal opportunities for poster presentations.

APA 2011 and GP 2011 Publications

Special publications in peer-reviewed international journals, as well as the complete proceedings of APA 2011 are being planned. Selected, peer-reviewed papers of GP 2011 will be published in a special post-conference edition of the journal *Aquaculture Research*, by Wiley-Blackwell, UK. Therefore, if you are interested in this possibility, please bear this in mind when preparing your abstract and written paper for APA 2011 and GP 2011.

Registration

Early bird Registration for APA 2011 is open up to 1 November 2010. There will be no separate registration fee for attending GP 2011. International participants should register online at www.was.org. Delegates from India, Sri Lanka, Bangladesh, and Nepal are eligible for subsidized registration rates (in Indian Rupees), and can register online at www.apa2011.org.

APA 2011 Registration Fees

	Register by 1 Nov 2010	Register by 25 Dec 2010	Register after 25 Dec 2010
Association Member Rate	US\$ 345	US\$ 445	US\$ 545
Student Member Rate Include copy of Student I.D.	US\$ 125	US\$ 125	US\$ 195
Non - Member Rate	US\$ 440	US\$ 540	US\$ 640
Student Non Member Rate - requires copy of Student I.D. If you are a non-member, you can join WAS at www.was.org, and use the Member Rate.	US\$ 195	US\$ 195	US\$ 245
Spouse Rate	US\$ 225	US\$ 295	US\$ 325
TRADE SHOW PASS – Good for 3 days add exhibits only – Jan. 18, 19, 20 (Trade show with the Full Conference Registration)			US\$ 30
FARMERS' DAY (FARMER - SCIENTIST - II	NDUSTRY Interactive	Session on Jan 19)	US\$ 30

Technical Sessions

- General Aquaculture
- Production systems & harvest technology
- Farming of carps
- Tilapia and other Cichlids
- Pangasius & other catfish
- Air-breathing fish culture
- Farming of vannamei
- Cold water aquaculture
- Ornamentals
- Marine Shrimp
- Marine Finfish
- Molluscs and other invertebrates
- Seaweeds and Algae
- Aquaculture Biotechnology
- Genetics in Aquaculture
- Aquatic Nutrition
- Aquafeeds/Additives & Ingredients
- Aquatic Animal Health
- Post-harvest Technology,
- Fish Food Safety & Human Nutrition
- Market Promotion & Trade

Special Sessions

- Climate Change & Aquaculture
- Reservoir-Based Aquaculture
- Bioflocs
- IAAEM Special Session
- Aquaculture Policy & Regulations
- Education & Training
- Rural Aquaculture, Welfare & Poverty Alleviation









Plenary Speakers



Dr. S. Ayyappan



Dr. Jiansan Jia

The Plenary speakers at the inaugural session of APA 2011 include **Dr. S. Ayyappan**, Secretary DARE & Director General ICAR, Govt. of India who has a distinguished career spanning more than 30 years contributing immensely to the development of fisheries and aquaculture in India; and **Dr. Jiansan Jia** presently heading the Aquaculture Division of FAO, Rome and a well known speaker who will talk on the significance of aquaculture in feeding the world.

Student Awards

We encourage students to actively participate in the conference. The best student abstract presented at APA 2011 will receive the Yang Yi Memorial Student Award selected by an international Jury. The details of selection will soon be announced.

TO EXHIBIT

The international Fisheries and Aquaculture Trade Exhibition will be a boost to the Indian Industry in showcasing their products and services to the world, and to know the best the world industry could offer to India. Reserve your stalls early by filling the Exhibitor's Form. International participants include Novus USA, Biomin Austria, Aquatic Eco Systems USA, Area USA, Ziegler USA, Cargill USA, ESE & Intec USA, Fishgen UK, SBAE Belgium, INVE Thailand, Femagrow Thailand, AAN Thailand, Global GAP Germany, and many more.

ASIAN-PACIFIC AQUACULTURE 2011														
MONDA	Y	TUESDAY		Г	WEDNESDAY			Т	THURSDAY					
Jan. MOVE-IN 16: 00 - 18: INAUGURAL CER EXHIBITION OP	00 EMONY	Jan. 18 MOVE-IN 08:00 - 10:00 TRADE SHOW OPEN 11:00 - 18:30 HAPPY HOUR 17:00 - 18:30				Jan. 19 TRADE SHOW OPEN 10:00 - 17:00 FARMERS DAY 10:00 - 17:30					Jan. 20 TRADE SHOW OPEN 10:00 - 16:30 MOVE OUT 16:30 - 20:00			
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Entrance				Ent	trance									

BOOTH INFORMATION

Booth Size: 3 meters x 3 meters

Included with each booth

- Walls on 3 sides
- 5 Trade Show Passes
- 2 Full Registration Passes
- Table & 2 Chair
- 2 Spotlights
- Fascia Identification sign
- One power outlet

Farmers' day

The Farmers' day on 19 January 2011 will be a full day session giving an opportunity for aquafarmers in India to interact with world's leading aquaculture scientists and economists to resolve their concerns on production, husbandry, marketing, etc. This session will open up the possibilities of new and emerging aquaculture species, and production technologies to farmers in India. Special one-day registration rate is available for farmers to attend this session, which will also make them eligible to visit the Exhibition. Real-time translations in Indian languages will be provided for the farmers attending this session from various States of India.

There will be a business meeting for technology transfer at the venue involving farmers, scientists, administrators and the industry.



Welcome To See More of Kerala ... the God's Own Country

Backwaters

- **Kuttanad**: Kuttanad is the most beautiful backwater region of Kerala, famous for its snake boat races across its serene waterways fringed by palm grove and paddy fields.
- **Kumarakom and Pathiramanal Island**: It is undoubtedly the most invigorating and a fascinating paradise in Kerala located on the shores of Vembanad Lake.

Beaches

- ➤ **Kovalam**: This marvelous beach as a palm-fringed bay in secluded coconut groves, lined by boundless blue waters of the Arabian Sea, promises a relaxed stay.
- **Cherai**: The sea on the western side and backwaters on the east is a unique feature of this beach.
- **Fort Kochi**: Fort Kochi is the home to some of the oldest European architecture in India and has been a significant settlement ever since the Cochin (Kochi) Harbour was discovered.



Hill Station

➤ Munnar and Rajamala Hills: These are breathtakingly beautiful tourist destinations in Kerala - a haven of peace and tranquility.

Wildlife

- ➤ Thekkady Wildlife sanctuary: Also called the Periyar Tiger Reserve, this is one of the finest wildlife sanctuaries in India much to the delight of nature photographers all around the world.
- **Wayanad**: The scenic beauty and its rich natural resources offer several opportunities for adventure and eco tourism.







Heritage & Culture

- ➤ **Guruvayoor Temple**: Guruvayoor is the seat of Lord Krishna; this temple is many centuries old and one of the most famous in Kerala.
- ➤ Kalady: Kalady (literally means feet), situated majestically on the banks of the river Periyar is the birth place of Adi Sankara, the founder of the Advaita order, and a popular Hindu religious destination in Kerala.
- ➤ The Jewish Synagogue: Situated in Mattanchery, this is the oldest synagogue in the Commonwealth of Nations, built by the Yehudan community in 1568.
- ➤ Malayattoor Church : St. Thomas Church, Malayattoor traces back its origin to the missionary visit of St. Thomas, the Apostle of India.
- ➤ Cheraman Juma Masjid: Built around 629 AD in Kodungallur, the mosque is unique in its appearance as it is based on a mixture of Arab and traditional Kerala art and architecture.

Post conference Farm Tours

The organizers of APA2011 will arrange post-conference farm tours during 21 and 22 January 2011.

For more details log on to www.apa2011.org

Event Managers of APA 2011: **EXECUTIV**

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INDIA - the land of infinite opportunities for Aquaculture

A booming economy, and an emerging economic power with a very large pool of human and natural resources – this is what makes India one of the favourite nations for investors from all around the world. To sustain this growth, India has emerged to be the second largest food producer in the world, in which fish and marine merchandise form an important constituent. The Indian sub-continent has nearly 8000 km of coastal line, 3 million hectares of reservoirs and 1.2 million hectares of brackish water. India is presently the second largest producer of fish with over 7 million tonnes of fish and shellfish from capture fisheries and aquaculture, while a major portion of its resources is still unexplored.

Marine products especially seafood business in India is booming. In 2009-10, Indian seafood exports business crossed the \$2-billion mark (US\$ 2.1 billion) by exporting about 663,603 tonnes of seafood from nearly 800 seafood exporters. With about 22.6% of India's export, Japan is the largest importer of fish and fishery products. Australia, Belgium, EU and USA are also leading buyers. Frozen shrimp and squid, frozen cuttle fish, frozen lobsters, live crabs and lobsters, live shrimp, finfish, and ornamental fish are all exported.

The inland aquaculture production in India has also been surging ahead. Major interests in India in promoting inland aquaculture surround carps, catfishes including *Pangasius*, *P. vannamei*, freshwater prawns, freshwater pearls, coldwater fishes, ornamental fishes etc. The estimated potential for ornamental fish export from India is about US\$ 30 million. There is also great future for tilapia, which is being carefully introduced. The marine shrimp sector is already well developed with the presence of world's industry leaders. A huge untapped potential lies in developing mariculture including the farming of mussels, edible oysters, marine pearls, seaweeds etc. The potential for open water cage and pen culture in the inland and coastal areas is also immense.

Aquaculture in India is poised for great expansion in the near future. At the national level, the govt. of India is looking forward to enhancing fish production to 10 million tonnes by 2012; explore avenues to meet domestic demand; and to increase export earning potential in terms of value-added products and ornamental fish trade. The export industry is poised to achieve 5 billion US\$ level by 2012 with 75% contribution from value-added products. It is now the world's opportunity to take advantage of this potential for mutual benefit. The world aquaculture industry will converge at Kochi in January 2011, and we welcome you to be a part of it and explore avenues for the umpteen opportunities waiting for everyone.



Ayurveda - Come and Experience the traditional medicine of Kerala.

Experience Kerala at its best through Ayurveda, one of the oldest systems of healthcare in the world. Literally meaning the 'science of life' or 'knowledge of healing', Ayurveda- has its roots in ancient

Vedic literature which is not merely for the well being of the individual, but it rejuvenates and revitalizes one's mind, body and soul. According to Ayurvedic philosophy the entire cosmos is an interplay of the energies of the five great elements namely space, air, fire, water and earth. Panchakarma is one famous way of Ayurvedic treatment practiced in Kerala. Ayurveda makes superb and clever use of body massages, herbs, and yoga, besides several other things and ways, to provide relaxation



and relief to a person and make him disease and stress-free. It is the most natural way to refresh your self, eliminate all toxic imbalances from the body, and regain resistance and good health. The organizers can arrange special health packages to conference delegates on request.