

November, 2020

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How India became the world's top shrimp producer

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GBM 2020 Announcement

How India became the world's top shrimp producer

By A. Victor Suresh, Ph.D.



This article appeared in Global Aquaculture Advocate on Monday, 5 October, 2020, and received one of the highest page views on the online publication. Our President outlined the growth of the Indian shrimp farming sector from the late 80's to the present times. Despite disruptions such as the White Spot Syndrome Virus (WSSV) and the stagnation in production in the late 2000's, the sector has

grown due to the introduction of SPF broodstock of *Litopenaeus vannamei* in 2008. Coronavirus pandemic is expected to take a toll on the sector in 2020 but the strength of Indian shrimp farming sector will keep it competitive in the global marketplace. Disease control through biosecure production, recapture of the export markets in the EU and Japan and development and expansion of local domestic trade will be drivers of future growth. Future prospects also involve the production of bigger shrimp, especially the black tiger, To read more, log on to

www.aquaculturealliance.org/advocate/how-india-became-the-worlds-top-shrimp-producer/

Event Reports

GOAL 2020

GAA's GOAL 2020 conference may be over ...

... but the content lives on. For GAA individual and corporate members, all 10 program sessions – a total of 15 hours of content – are accessible on-demand in the GOAL 2020 conference platform



and GAA member toolkit, as are PDFs of GOAL 2020 presentations. For those SAP members who signed up to be the Association members of GAA, the first day program is available. See www.aquaculturealliance.org for more details.

CII AGRO & FOOD TECH 2020



As part of the Food and Agri Week 2020, a virtual conference on Sustainable, Technology Led and Responsible Development of the Fisheries Sector was organized by the Confederation of the Indian Industry on October 19, 2020.

Mr. Tarun Shridhar, Former Secretary of the Ministry of Fisheries, Animal Husbandry & Dairying, Government of India said that fisheries and aquaculture had never had it so good. He listed two major concerns that require government's attention: (1) lack of reliable data on aquaculture and fisheries; and (2) the focus on doubling the production and farmer income should be matched by equal or more focus on increasing consumption of aquatic products within India. .

The sessions provided an interactive platform where industry players deliberated upon doubling the Indian Fisheries Industry in the next five years. Our President Dr. Victor Suresh, and our past presidents, Mr. D. Ramraj and Mr. Ravikumar Yellanki participated in these sessions and shared their valuable expertise in various segments.



Read more about the event at https://www.aquaprofessional.org/events_readmore.php?id=13

Regional Review of Aquaculture in Asia: India's Priorities for Development



FAO held its Asia and Asia Pacific aquaculture production review on 26th October, 2020. Mr Tarun Shridhar the former Secretary of the Department of Fisheries, Animal Husbandry & Dairying, participated in the review as a panelist and provided the following points on what should be India's priorities for aquaculture development.

SUPPLY: (1) Give priority to aquaculture just like agriculture; (2) Aquaculture can now provide more than a livelihood, therefore focus on the profitability of the enterprise; and (3) strengthen the institutional framework for access to resources especially by the small producers.

DEMAND: (1) Be unbiased in the view of fish as food (Mr Shridhar was relating to India's vegetarian roots leading to the view that consumption of food of animal origin is a less desirable option); (2) Promote the health benefits of fish consumption; and (3) Strengthen the supply chain of delivering fish to the consumers.



Indian Fish Nutritionists Forum

The screenshot shows a Zoom meeting interface. At the top, there are three video thumbnails for participants: S. Kaushik, Biju Sam Kamalam, and Dr. N.P. Sahu. The main content is a presentation slide titled "At a global level, use of feeds with less & less fish meal & fish oil is a reality" with the subtitle "Multiple criteria.: Biology to social sciences". The slide features the Aquamax logo and the text "Sustainable Aquafeeds to Maximise the Health Benefits of Farmed Fish for Consumers". It includes three line graphs showing feed conversion ratios (FCR) for different fish species over time, and a radar chart for "Life cycle analysis" comparing various factors like Total cumulative energy demand, Land competition, Water use, Net primary productivity, Global warming, and Eutrophication. A text box at the bottom of the slide states: "In Indian major carps grown under polyculture conditions in ponds, no differences between groups fed feeds with or without FM & FO; Flesh FA compositions similar in both groups". On the right side of the Zoom window, a "Participants (53)" list is visible, showing names like Dr. S.S. Giri, drasimkpal, Galway JF (2010), Giovanni Turchini, GOPKA, Grace, Harish, IyO, Kedar Nath Mishra, Krishna-Pada Singha, Manas Kumar Malli, Manish Ayan, and MEENAVAN.

SAP organized a symposium on aquaculture nutrition in 2018 and discussed the possibility of all those working in aquaculture nutrition in India getting together periodically. A recent webinar on aquaculture nutrition organized by Dr N. Felix, of the Tamil Nadu Fisheries University, provided the platform for further discussions. The job of coordinating the group was handed over to Dr Biju Sam Kamalam, a Scientist in the Directorate of Coldwater Fisheries Research. He put together a WhatsApp group and organized a Webinar in which two global experts in fish nutrition – Dr Sachi Kaushik and Dr Giovanni Turchini – spoke to those working in aquaculture nutrition in India. Dr Kaushik provided an orientation to the developments in aquaculture nutrition as they relate to carps and Dr Turchini gave his views on ingredients research. Dr N.P. Sahu moderated the session and there was an interesting panel discussion on rice bran following the talks. The group has resolved to meet regularly in the future. If you are interested in joining the group may contact us so we can put you in touch with Dr Biju Sam Kamalam.

SOFI 2020



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School of Industrial Fisheries, Cochin University of Science and Technology (CUSAT) organised an International Webinar on ‘Sustainable Ornamental Fisheries-Way Forward” from 15th to 17th October 2020 with an excellent line up of nine International experts in Ornamental fisheries from seven countries. The international Webinar focused on potential avenues in ornamental fisheries to provide the right perspective towards sustainability. Over 1500 viewers across 38 countries participated in this webinar sponsored by Growel Feeds.

Svein A. Fossa (Norway) President, European Pet Organisation, Vice President & CITES Representative of Ornamental Fish International (OFI) outlined the way forward for Ornamental fish trade. He stressed the need to formulate effective species conservation methods instead of creating blanket bans on fish trade. Shane Willis, President OFI, viewed the pet industry as an important tool in creating interest and awareness about wildlife and nature and this was the way forward to promote sustainability. Paul Bakuwel, Secretary General OFI spoke on the Market trends for ornamental fish in Europe. He felt that more hobbyists were investing in aquarium fish during the pandemic as they found themselves spending more time at home. Gayatri Reksodiharjo-Lilley from Indonesia spoke on reef restoration and conservation along the North coast of Bali. She highlighted the importance of species monitoring by involving the local community and developing sustainable captive breeding programs. John Dawes, editor of OFI journal emphasised that this webinar highlighted how valuable it is to communicate and get an insight on each other's perspective.

To know more about this webinar please log on to <http://sofiwf.com/>

SAP Communications Coordinator



Ms Pramila Rajan has recently joined the SAP team as a Communications Coordinator. Pramila holds a Masters degree in Mariculture from Central Marine Fisheries Research Institute, Cochin (1st Batch - 1982). After a consciously chosen break of 11 years, she entered the then booming Shrimp Industry in the early 90's with Aquastride Biotech. She diversified into the ornamental fish business in 1997 and handled various aquarium projects for Poseidon Biotech. She went on to head the largest Ornamental Fish export Unit in South India, as Director, Jodi Fisheries Pvt Ltd for 6 years. She is presently a consultant for Aquatic Biosystems, one of India's largest ornamental fish farms.

Pramila is a founding member of SAP and served as SAP's first coordinator from 2004 -2009 enrolling new members and supporting initiatives like Aqua India (which used to be an annual event in the early years). She is familiar to most of us in the aquaculture industry, and especially in SAP. She will be supporting SAP's social media presence and helping with our website, newsletter and media relations.

Aquaculture Spectrum Hosts The Aquaprofessional in Print

We are delighted that Aquaculture Spectrum is back in print from the September 2020 issue onward. Aquaculture Spectrum has offered to host our SAP newsletter, The Aquaprofessional, in print format in their magazine. This will make it accessible to more people in the industry, improve visibility and also encourage them to join SAP as members.



We wholeheartedly welcome this idea and wish to thank Mr Jaideep Kumar, Chief Editor, Aquaculture Spectrum for his kind offer and sincerely appreciate his efforts in making this possible.

SAP General Body Meeting Announcement

The Annual General Body Meeting of SAP will be held on the 12th of December 2020 in Chennai. The government has ruled that General Body Meetings of associations like SAP should be held in person and not virtually. Keeping in mind the pandemic, members were contacted 30 days in advance of the meeting and asked to opt for attending the meeting in person. Those who confirmed that they can attend in person will be provided with the location and time of the meeting.

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