

12<sup>th</sup> Global Summit on

# AQUACULTURE & FISHERIES

March 30-31, 2020 | Hong Kong

*Theme:*

*Innovative and Sustainable Aquaculture*



# Invitation...

## Dear Colleagues,

Conference Series LLC Ltd insist participants from all over the universe to clock in "12<sup>th</sup> Global Summit on Aquaculture & Fisheries" during March 30-31, 2020 in Hong Kong which includes precise keynote, presentations Oral talks, poster presentation, and Exhibitions. The theme of the conference this year is "Innovative and Sustainable Aquaculture" assures an exceptional scientific program promoting many acclaimed and logic tormenting speakers.

By providing access to ongoing education and networking opportunities, the Conference hopes to strengthen the profession advancing practice for the benefit of populations and the individual patients we serve.

Conference Series LLC Ltd organizes a conference series of 1000+ Global Events inclusive of 500+ Conferences, 500+ Upcoming and Previous Symposiums and Workshops in the USA, Europe & Asia with support from 1000 more scientific societies and publishes 700+ Open access journals which contain over 30000 eminent personalities, reputed scientists as editorial board members.

## Aquaculture Summit 2020

- Opportunity to attend the presentations delivered by eminent scientists and business professionals from all over the world.
- Selected contributions will be published in following reputed high impact factor Journals.
  - ☞ Journal of Fisheries & Livestock Production
  - ☞ Journal of Marine Science: Research & Development
  - ☞ Journal of Marine Biology & Oceanography

# Program at Glance

March 30, 2020

Time	Session
08:30 - 09:30	Registrations
09:30 - 11:30	Keynote Forums
	<i>Group Photo</i>
11:30 - 11:45	Network & Refreshment Break
11:45 - 13:00	Aquaculture and Fisheries - Facts/Methods   Fisheries Sciences   Animal Welfare in Aquaculture   Sustainability in Aquaculture
13:00 - 13:45	Lunch Break
13:45 - 16:00	Aquaculture Nutrition   Shellfish Farming   Environmental Impacts in Aquaculture   Aquaculture Disease and Health Management
16:00 - 16:15	Network & Refreshment Break
16:15 - 18:00	Fishery Resource Analysis and Monitoring   Aquatic and Marine Pathology   Techniques in Aquaculture Engineering

Day Concludes

March 31, 2020

Time	Session
08:30 - 09:30	Registrations
09:30 - 10:30	Keynote Forums
10:30 - 11:30	Aquaculture Economics & Management   Marine Ecology and Biological Oceanography   Genetic Biodiversity in Aquaculture   Aquatic Resources and Water Management
11:30 - 11:45	Network & Refreshment Break
11:45 - 13:00	Engendering Security in Aquaculture   Interaction between Aquaculture and Fishery   Fisheries Biology & Management
13:00 - 13:45	Lunch Break
13:45 - 16:00	Recirculating Aquaculture Systems   Aquatic Toxicology   Improving Technologies in Aquaculture
16:00 - 16:15	Network & Refreshment Break
16:15 - 18:00	Poster Presentations

Day Concludes

Award Ceremony

Conferece Concludes

# Oral Sessions: Abstracts



## Title: Effect of pressmud incorporated diets on flesh quality of freshwater carps

Syed Shabih Hassan, Guru Angad Dev Veterinary and Animal Sciences University, India

**Description:** An outdoor experiment was conducted in cemented tanks to assess the effect of pressmud incorporated diets on flesh quality of three indigenous carps (Catla catla, Labeo rohita and Cirrhinus mrigala) and one exotic carp (Cyprinus carpio). Experimental diets were prepared by 15% (D2), 20% (D3), 25% (D4) and 30% (D5) replacement of rice bran in the basal diet-D1 (de-oiled rice bran and mustard meal in the ratio of 1:1) with dried pressmud, which were fed to fish reared under polyculture conditions for seven months.



## Title: Sustainability Criteria for Water Resource Systems: Sustainable Development and management

Abdeen Omer, Energy Research Institute, UK

**Description:** For the thirty-nine million people, who live in Sudan, environmental pollution is a major concern; therefore industry, communities, local authorities and central government, to deal with pollution issues, should adopt an integrated approach.



## Title: Design and testing of an aquaponics (fish/hydroponic plant) production system for use in a hot arid environment

Fatma Al-Abri, Sultanate of Oman

**Description:** Aquaponics is the combination of fish production (aquaculture) with the soil-less production of plants (hydroponics). It operates within a closed-loop system and utilizes minimal resources. Fish feed provides most of the nutrients required for healthy plant growth. These nutrients, excreted directly by the fish, or generated by the microbial breakdown of organic wastes, are absorbed by growing plants.



**Title:** Aquaculture, Fisheries and horticulture are the most powerful and sustainable tool for the development of health, daily use of life, reducing global poverty and hunger in the developing countries of the world like South Asia particularly in Pakistan

**Muhammad Usman,** Pakistan

**Description:** The title of presentation consists of aquaculture, fishery, horticulture, health, life, sustainability, global poverty and hunger were studied to find out the role of aquaculture, fisheries and horticulture on the reduction of global poverty and hunger in the developing countries of the world like South Asia particularly in Pakistan.

**Title:** ANTIVIRAL effects in *L. Vannamei* of feed additive of microencapsulated phenolic extracts of *M. Umbellata*

**González-Ocampo,** Instituto Politécnico Nacional, Mexico

**Description:** The aim of the current study was to determine the antioxidant capacity and the stimulation of the immune response of *Litopenaeus vannamei*, in laboratory conditions, against the white spot syndrome virus (WSSV), of a microencapsulated *Malpighia umbellata* phenolic extract.

**Title:** identification, annotation and comparative analysis of hsp genes (heat shock protein 70 and 90) from gill transcriptome of three freshwater crayfish

**Sayed Abu Rayhan,** Khulna University, Bangladesh

**Description:** Response to environmental stresses, mainly thermal stress are largely maintained by a set of proteins called heat shock protein (HSP) which are encoded by HSP genes. Among those HSP70 and HSP90 play a key role in heat stress regulation.

**Title:** Growth pattern and Nutrient Profile of African knifefish *Gymnarchus niloticus* (Cuvier, 1829) Diets in Tropical Lake.

**Kareem Kazeem,** University of Ibadan, Nigeria

**Description:** Fish is a major source of global animal protein for developing nations and aquaculture remain the only hope for sustainable supply as fish from the wild dwindles globally. African Knifefish *Gymnarchus niloticus* ranked top among major commercially important species yet to be brought under culture.



## Title: The Pollutant Content in the Padma River Water Draining from Rajshahi City, Bangladesh: A Case Study

M. Golam Mortuza, Rajshahi University, Bangladesh

**Description:** The study was carried out to assess surface water quality of Rajshahi City of Bangladesh. Based on surveys and chemical analyses, we performed a case study of the surface water collected from three different areas, in order to understand the sources of water pollution and the evolution of water quality in Rajshahi City, Bangladesh



## Title: Response of *Clarias Gariepinus* Juveniles to Dried Maggot Meal (*Musca Domestica*) Diets

Mabel Ipinmoroti, Osun State University, Nigeria

**Description:** *Clarias gariepinus* juveniles fed varying levels of dried maggot meal. Maggots were produced from fermented poultry waste. Harvested maggots were oven dried at 105°C and used to substitute fish meal at 0%, 25%, 50%, 75% in diets labelled as 0, T1, T2, T3, T4 respectively. A total of 180 juvenile fish of 10.11 ± 0.12g mean weight were allotted to five dietary treatments at 20/tank in three replicates



## Title: Marine finfish hatchery technology, sustainable intensification with precision management as a solution for high reliability, productivity and quality of fingerling

Marcell Boaventura, BernAqua, Belgium

**Description:** Sustainable intensification of aquaculture has been the main contributing factor to the growth (ten percent per annum) of the aquaculture industry in Asia-Pacific (APAC) during the last 30 years (1). While the aquaculture in the region continues to grow in line with the global increase in seafood demand, most marine hatcheries in APAC still rely on traditional methods of production



## Title: Economic analysis and operational efficiency of mechanized fishing in Gujarat

Navghan Mahida, Central Institute of Fisheries Education, Mumbai

**Description:** The economic analysis and operational efficiency of the marine fishers and their attitude towards development schemes serve as significant information which is vital for implementing new technologies and policies. With this view in focus, the present study was taken up to analyse the economic aspects of marine fishing including terminal division and supportive facilities in Gujarat during the period 2015-16.





**Title: Strengthening the Fresh Fish Market Chains in Malawi and other Developing Countries: Enhanced Marketing Facility for Fresh Fish at Local Markets**

**Robert Bob Tsutsu**, Mzuzu University, Malawi

**Description:** Fish is a popular food and the most important source of animal protein in Malawi. However, the country's future supply of fish production is uncertain, as there are high post-harvest losses. Sanitation and hygiene is critical issues and unsustainable management of natural resources due lack of proper and sustainable market facility for fresh fish. Poor fish and nutrition due high fish spoilage and contamination.



**Title: The effects of dissolved oxygen levels on growth performance, physiological parameters and the immune response of the GIFT juveniles (*Oreochromis niloticus*) with three different levels of dietary protein**

**Ngoepe Tlou Kevin**, Nanjing Agricultural University, China

**Description:** A 6-week feeding trial was conducted to investigate the effects of dissolved oxygen (DO) levels on growth performance, physiological parameters and the immune response of juvenile GIFT treated with three different levels of dietary protein. Triplicate group of fish ( $0.45 \pm 0.01$  g) was fed 30%, 40% and 50% protein diet at hypoxia ( $2.0 \pm 0.3$  mg L<sup>-1</sup>) and normoxia ( $6 \pm 0.4$  mg L<sup>-1</sup>).

*Poster Presentation: Abstracts*



**Title: Morphometric variability of smooth-shelled blue mussels from the Pacific coast of South America**

**Jorge E. Toro**, Instituto de Ciencias Marinas y Limnológicas at Universidad Austral de Chile

**Description:** The shell of bivalve molluscs, which is the most distinct feature of the group, exhibits a large degree of morphological variation in many species. Such variability is attributable to a combination of genotypic and environmental influences.



**Title: The selection of growth functions for Japanese flounder rearing in recirculating aquaculture system (RAS)**

**Chang-fa Liu**, Ocean University, China

**Description:** The recirculating aquaculture system (RAS) is believed the mode that present the future direction of an environmentally friendly aquaculture industry because it is "zero discharge" aquaculture system with high-efficiency.

# Venue :

## Hong Kong



### Mail us to know more!

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Registration Posters | Accommodations

No doubt you have lots of queries...

Why not get in touch..!

Drop us your query with details and we will call you right away

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Hong Kong, officially the Hong Kong Special Administrative Region of the People's Republic of China, is an autonomous territory in China, south of the mainland Chinese province of Guangdong and east of the former Portuguese colony and fellow Special Administrative Region (SAR) of Macao

Hong Kong has created from a little angling town in the 1800s into a dynamic and exciting 21st-century cosmopolitan city. It is a clamouring seaside city loaded with noteworthy elevated structures and a combination of eastern and western societies. It gladly declares itself to be 'Asia's World City' and remains a key door to China.

Hong Kong is without a doubt one of the busiest intersections amongst China and whatever is left of the world for business voyagers. Aside from gatherings and meetings, it is likewise the best visitor goal in Asia with its draw of shopping and plenty of feasting choices. However, Asia's worldwide city is something other than gatherings, nourishment and shopping. It's geology and a special mix of East and West introduces a smorgasbord of Chinese conventions and traditions, amusement parks, neighbourhood food and verdant wide open to exciting the guest for a considerable length of time.

It was viewed as the world's best goal for relaxation guests and gatherings in 2012. Hong Kong was voted the "Best FIT Destination of the Year" in the China Travel and Meeting Industry Awards 2012 sorted out by travel magazine Travel Weekly. It was additionally named the "Best City for MICE Events" in the 2012 Industry Awards composed by CEI Asia Pacific magazine.