

4TH EDITION OF

WORLD AQUACULTURE AND FISHERIES CONFERENCE

*Revolutionizing Aquaculture and Fisheries:
A Novel Outlook*



Our OCMs



JONI LEE GIOVANNA HESLEY
CROPKING, INC. CURRICULUM
DEVELOPMENT, UNITED STATES



LEIRE ARANTZAMENDI
AZTI, SPAIN



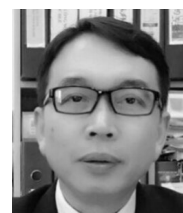
TAMAR LOTAN
University of Haifa, Israel



VIRENDRA GOSWAMI
Indian Institute of Technology
(IIT) & 'Environment and Peace
Foundation, India



AMOD ASHOK
SALGAONKAR
A252 Enterprises, India



NGUYEN QUANG LINH
Hue University, Vietnam

Scientific TOPICS

- Aquaculture and Fisheries
- Sustainable Aquaculture
- Aquaculture Nutrition and Fish Feed
- Disease Diagnosis & Management
- Biotechnology & Bioinformatics in Fisheries
- Fisheries Science and Research
- Marine Science and Marine Biology
- Fish Farming Techniques
- Aquaculture Engineering
- Mariculture and Seaweed Culture
- Freshwater Aquaculture
- Aquatic Pollution and Toxicology
- Aquaculture Conservation and Management
- Fish Physiology and Biochemistry
- Aquaculture Production Data & Analysis
- Aquaculture Market and Industries Update

 **24-26**
JUN 2024

 *Paris, France*

| **Hybrid Event**



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TENTATIVE PROGRAM

Keynote Presentation

J L Giovanna Hesley CropKing, Inc. Curriculum Development, United States	Title: Cultivating young minds for sustainable aquaculture careers: The impact of a five-shelf tower garden
Leire Arantzamendi AZTI, Spain	Title: Technical validation of biobased vs. fossil-based ropes for offshore longline mussel (<i>Mytilus galloprovincialis</i>) production
Tamar Lotan University of Haifa, Israel	Title: Myxozoans simple but sophisticated parasites
Virendra Goswami Indian Institute of Technology (IIT), India	Title: Application of Artificial Intelligence and Remote Sensing (AIRS) to Study the Correlation of Climate Change with Ocean Energetics (OSIRIS) to develop 'Numerical Ocean Cryosphere-Energetics Model'(NOCEM)
Amod Ashok Salgaonkar A2S2 Enterprises, India	Title: Artificial intelligence in fisheries and aquaculture
Nguyen Quang Linh Hue University, Vietnam	Title: Cloning and characterization of the LvCTL genes encoding C-type lectin from white-leg shrimp (<i>Litopenaeus vannamei</i>)

Oral Presentations

Daniel Russek CEO & Founder, Atarraya Inc, United States	Title: Revolutionizing aquaculture: Sustainable shrimp farming through technology and collaboration
Perry Raso Matunuck Oyster Farm, United States	Title: Mitigating challenges facing a growing industry: A review of current techniques and trials to improve growth, survival and public acceptance of the shellfish aquaculture industry in New England, USA
Nyeema Caldwell National Oceanic and Atmospheric Administration (NOAA), United States	Title: Green sturgeon recovery: Focus on habitat connectivity and fish passage
Marty Riche Florida Atlantic University, United States	Title: Culture of the marine Florida pompano, <i>trachinotus carolinus</i> , in low salinity environments: A 20-year retrospective
Matthew Pope Esox Biologics, United Kingdom	Title: Characterising and modulating microbiota in RAS
Philip Nickerson Aqua Production Systems, Canada	Title: Practical observations in refrigeration for aquaculture chiller and heat pump systems using carbon dioxide as a refrigerant in place of refrigerants with higher global warming potential
Alessio Alesci University of Messina, Italy	Title: The internal defence system in <i>actinia equina</i> (Linnaeus, 1758): The role of mucus and goblet cells

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Alix Da Fonseca Ferreira Universite du Littoral Cote d'Opale, France	Title: 'Welcome to the hotel microbialifornia' - A six months spatial and temporal study of sea bass aquaculture tank bacterial communities
Greg Smith University of Tasmania, Australia	Title: Spiny Lobster aquaculture – from aspiration to production
Dean Giosio University of Tasmania, Australia	Title: Development of a computer vision-based device for continuous Larval monitoring in commercial-scale crustacean Aquaculture
Srushti Sawant Humpty Doo Barramundi, Australia	Title: An insight into the culture of Yellowtail Kingfish (<i>Seriola lalandi</i>) & Barramundi (<i>Lates calcarifer</i>) in Australia
Lionel Camus Akvaplan.niva, Norway	Title: Real time detection of free-swimming sea lice with high resolution optical sensor
Saad Zah Nord University, Norway	Title: It's in the blood: Examination of point-of-care blood testing systems for rapid analysis of biomarker profile in Atlantic salmon (<i>salmo salar</i>)
Shifa Bahaddad University of Jeddah, Saudi Arabia	Title: Bacillus species as direct-fed microbial antibiotic alternatives for aquaculture development and sustainability
Tzanakis Manolis University of Crete, Greece	Title: Take only photos, leave only bubbles. Transformation of environmental ethics and scuba diving practices in Greece
Heyde Francielle do Carmo Franca On-Peixes, Brazil	Title: Leveraging convolutional neural networks for morphological measurements estimation in tilapia: A promising approach
Jaynos R Cortes North Eastern Mindanao State University, Philippines	Title: Enhancing zootechnical performance and resilience of whiteleg shrimp (<i>litopenaeus vannamei</i>) using phytogetic feed additives: A review of innate immunity, morphological characteristics, and histological responses to vibrio parahaemolyticus
Marlon S Alejos University of the Philippines Visayas, Philippines	Title: Continuous illumination accelerates the metamorphosis of the late larval stage of snubnose pompano <i>Trachinotus blochii</i> Lacepede 1801
Jennie B Fernandez Pangasinan State University, Philippines	Title: Socio-demographic analysis of milkfish farming in Binmaley, Pangasinan: Challenges, stakeholder roles, and policy recommendations
Virgilio B Ratunil Surigao del Norte State University, Philippines	Title: Occurrence of pueruli (palinuridae) in the coastal water of surigao del sur, Philippines
Meenakshisundaram Ganesan CSIR-Central Salt & Marine Chemicals Research Institute, India	Title: Commercial production of elite seedlings of <i>Kappaphycus alvarezii</i> using novel micropropagation technique

TENTATIVE PROGRAM

Shivakumar Magada Karnataka Veterinary, Animal and Fisheries Sciences University, India	Title: Fisheries and aquaculture: Fundamental rethinking
Junngam Khiham Wildlife Institute of India, India	Title: Revisiting the ichthyological research and species checklist in the lotic systems of Arunachal Pradesh, eastern Himalaya- A systematic review.
Chawan Matey University of Lucknow, India	Title: Characterisation of the monogenean parasites (Platyhelminthes) of invasive common carp <i>Cyprinus carpio</i> Linnaeus, 1758 (Teleostei: Cyprinidae) in India
Rohit Pingale Galaxeye Space Solutions Pvt Ltd, India	Title: A novel approach to estimate water quality of inland aquaculture ponds using satellite data and WQI model
Aman Bagrecha Galaxeye Space Solutions Pvt Ltd, India	Title: Mapping aquaculture ponds using deep learning for indian subcontinent
Sumesh Meppadath Galaxeye Space Solutions Pvt Ltd, India	Title: A novel approach to detect shrimp ponds using SAR
Kakoli Banerjee Central University of Odisha, India	Title: Forecasting the future of marine fisheries of Indian coast in the changing era of climate
T V Anna Mercy Kerala University of Fisheries and Ocean studies, India	Title: Ornamental Fish culture and aquarium keeping – a small scale livelihood option in India
Neelanjana Choudhury C.V. Raman Global University, India	Title: Green guardians of the water: Harnessing the power of aquatic plants in combatting aquatic toxicity
Subhas Das The University of Burdwan, India	Title: Histotechnological technique for prediction of digestibility and liver function under choline chloride exposure: A role model on fish
Chau Thi Da Ton Duc Thang University, Vietnam	Title: Impact of high-dike on rice and wild fish yields, water quality, and use of fertilizers in the Mekong Delta, Vietnam
Mohamad Fadjar Brawijaya University, Indonesia	Title: Soft laser beam for inducing spiny Lobster (<i>Panulirus Homarus</i>) growth
Uun Yanuhar Brawijaya University, Indonesia	Title: Nanovaccine recombinant testing based on hybrid chitosan-agnps nanoparticles in vivo on cantang grouper (<i>Epinephalus</i> sp.)
Thaneshwar Bhandari Tribhuvan University, Nepal	Title: Assessing the policy impact: A comprehensive analysis of Nepal's growing fishery value chain
Ranjith lal samarathunga Puttlam Distric Ornamental Fish Association, Sri Lanka	Title: High density fish farming and fish disease

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Aksya Kumar Sarkar Right Agro Care Limited, Bangladesh	Title: Some aspects of shrimp farming systems and shrimp production management: Bangladesh perspective
Binay Kumar Chakraborty Department of Fisheries, Bangladesh	Title: Sustainable aquaculture and fisheries, and biodiversity status fresh water fish in Bangladesh
Muhammad Younis University Of Sindh , Pakistan	Title: Ichthyo fauna status of ranikot stream Jamshoro, Sindh
Maryam Khalid Sheikh University of Sindh, Pakistan	Title: Indus river downstream study reveals 32 migratory species
Syed Makhdoom Hussain Government College University Faisalabad, Pakistan	Title: Plant protein-based alternatives in aqua-feeds: Advantages, challenges and solutions
Sachinandan Dutta Sultan Qaboos University, Oman	Title: Climate change & fisheries management: A case studies from the sultanate of Oman
Yasmin Hamed Ali AL Alawi Sultan Qaboos University, Oman	Title: Assessing the changes in the fish's quality and freshness during packaging using an electronic nose, microbial growth, and a texture profile analyzer
Faten Khelifa National Institute of Marine Sciences and Technology of the Sea, Tunisia	Title: Reproductive cycle and sexual maturity of the Egyptian sole <i>Solea aegyptiaca</i> in Gulf of Gabes (Tunisia)
Ali Arshadi University of Zabol, Iran (Islamic Republic of)	Title: Effect of hesperidin powder on growth performance, blood parameters and antioxidant capacity of common carp (<i>Cyprinus carpio</i>) fingerling
KASSI Ahon Jean Baptiste Centre Universitaire de Recherche et d'Application en Télédétection (CURAT), Cote d'Ivoire	Title: Mapping of potential fishing areas of <i>Sardinella aurita</i> in the Ivorian exclusive economic zone (EEZ) from 2010 to 2020
Nwabisa Budaza Department of Forestry, Fisheries and the Environment, South Africa	Title: Unlocking economic potential: A comprehensive cost-benefit analysis of the seaweed industry in South Africa
Rendani Luthada Raswiswi University of KwaZulu Natal, South Africa	Title: The potential of <i>Crocodylus niloticus</i> meat meal as an animal protein source replacing fishmeal in diets of <i>Oreochromis mossambicus</i> of different size groups
Precious Khonzile Mthiyane University of Zululand, South Africa	Title: The ecological, social and economic factors hindering and contributing to sustainable aquaculture development
Mekonen Teferi Mekelle University, Ethiopia	Title: Assessment of fish post harvest losses in Tekeze dam and lake hashenge fishery associations, Northern Ethiopia
Olena Honcharova Kherson State Agrarian University, Ukraine	Title: Experience in using innovations in aquaculture in Ukraine

TENTATIVE PROGRAM

Ndongo Ivan University of Yaounde I, Cameroon	Title: Condition factor and length-weight relationship of African tetras <i>Brycinus macrolepidotus</i> Valenciennes, 1850 (Alestidae): Possible impact of monogeneans on the fish health
Babagana Zanna Federal College of Freshwater Fisheries Technology, Nigeria	Title: The role of traditional ecological knowledge (tek) in the restoration of fish processing implement under the background of cultural sustainability in Lake Chad basin area, Borno state, Nigeria
Saheed Olasunkanmi Yunus Ojolowo Farms Limited, Nigeria	Title: Let fish go round
Achoja Felix Odemero Delta State University, Nigeria	Title: Catfish value chain innovation governance, management and sustainability: An empirical evidence from aquaculture industry in Nigeria
Christian Larbi Ayisi University of Environment and Sustainable Development, Ghana	Title: Impacts of closed season on operations, livelihood and coping strategies of fishermen in Ghana
Abdul Rauf Brenya Ghana Bazar Ltd, Ghana	Title: Aquaculture and fisheries today
Grant Anim Rehabilitation International Ghana, Ghana	Title: The Volta Lake: Aquaculture and Flooding
Kakha Nadiradze Association for Farmers Rights Defense, Georgia	Title: Black Sea water and aquacultures risks and challenges
Joseph Thomas Kaira Consultancy, Gambia	Title: What is the role of youth to restore the ecosystem?

Oral presentation slots are available !!

Poster Presentations

Gerardo Rodriguez Quiroz Instituto Politecnico Nacional, Mexico	Title: Earthworm vermicompost to enhance shrimp white shrimp <i>litopenaeus vannamei</i> growth and inhibit ahpnd disease in a experimental culture
J. Bovas Joel Dr. MGR Fisheries College and Research Institute, India	Title: Innovative and sustainable development in fisheries and aquaculture engineering
M Saeed Heydarnejad University of Shahrekord, Iran (Islamic Republic of)	Title: Survival and growth of common carp (<i>Cyprinus carpio</i> l) exposed to different water ph levels
Mohamed Yahya Mohamed Institute of Oceanography and Fisheries, Egypt	Title: Evaluation of the toxicity of copper oxide and nanoparticles using the biochemical, hematological, and histological biomarkers in Nile tilapia, (<i>Oreochromis niloticus</i>)

TENTATIVE PROGRAM

Jueya Sandrine University of Ngaoundéré, Cameroon	Title: Diets of alestidae (teleostei: characiformes) in two rivers (boumba and kadei) in Eastern Cameroon
Olatayo Michael Adetayo Ogunbanwo Lagos State University of Science and Technology, Nigeria	Title: Histopathology diagnosis of metazoan parasites infecting mullet fish from lac nokoue (Republic of Benin) and Lagos Lagoon (Nigeria)
Valentin Tembe Mwela Red Cross Higher Institute of Health sciences, Congo	Title: The practice of fish farming in improving the food quality of the population of the DWE sector in the Democratic Republic of Congo
Bekmamat Djenbaev Institut of Biology NAS KR, Kyrgyzstan	Title: Bioecological features and management of endemic fish species in Issyk-Kul Lake, Kyrgyz Republic

Poster presentation slots are available !!