



**Conference Mind**

**SCIENTIFIC PROGRAM**

# **6th International Conference On Aquaculture and Marine Biology**

**OCTOBER 13-14, 2023**

*[contact@conferencemind.com](mailto:contact@conferencemind.com) | [conferencemind@gmail.com](mailto:conferencemind@gmail.com)*

*<https://conferencemind.com/conference/aquacultureandmarinebiology>*

## KEYNOTE PRESENTATION SESSION

**Binay Chakraborty**

Project Director Department of Fisheries, Bangladesh

**Title of Presentation:** Heavy metal and pesticide effect on fish and human health.**11:30 AM - 12:00 PM****S. V. Patil**

College of Fisheries (Dr. B. S. Konkan Agricultural University), Ratnagiri, India

**Title of Presentation:** Need Of Women Specific Interventions For Equitable And Sustainable Shrimp Farming Development In Maharashtra**12:00 PM - 12:30 PM**

## REFRESHMENT BREAK

**12:30 PM -13:30 PM**

## SPEAKER PRESENTATION SESSION

**Arun Das NH.**

CEO, Stem Systems Pvt Ltd, Kochi, Kerala, India

**Title of Presentation:** Murrel farming: sustainable aquaculture model for Indian states**13:30 PM -13:55 PM****Apurva Joshi**

Department of Zoology, LSM Govt. PG College, Pithoragarh, India

**Title of Presentation:** A study on seasonal variation in hydrobiology of surface water sources in Pithoragarh City, Uttarakhand, India**13:55 PM -14:20 PM**

**SPEAKER PRESENTATION SESSION****Pragyan Dash**

ICAR-Directorate of Coldwater Fisheries Research, Bhimtal, India

**Title of Presentation:** Conservation and seed production of Near Threatened fish, chocolate mahseer**14:20 PM - 14:45 PM****G.Ferolin Jessina**

Tamil Nadu Dr.J.Jayalalithaa Fisheries University, India

**Title of Presentation:** Evaluation of Antimicrobial Activity of Turmeric against resistant *Aeromonas hydrophila* in aquaculture using Microbroth Dilution method**14:45 PM - 15: 10 PM****Sagar Vitthal Shinde**

CIFE, Mumbai, India

**Title of Presentation:** Exploring IMTA: Unlocking Freshwater Ecosystem Potential**15: 10 PM - 15: 35 PM****Ritesh Shantilal Tandel**

ICAR-Directorate of Coldwater Fisheries Research, Bhimtal, India

**Title of Presentation:** Emergence of Argulosis in coldwater fish of Indian Himalayan region**15: 35 PM - 16:00 PM****Kirthiga S.S**

Kerala University of Fisheries and Ocean Studies , India

**Title of Presentation:** Impact of climate change on coral reef ecosystems and mitigation measures: a way forward**16: 00 PM - 16:25 PM**

## REFRESHMENT BREAK

16:25 PM -16:45 PM

## POSTER PRESENTATION SESSION

**Diksha Arya**

College of Fisheries, GBPUA&amp;T, Pantnagar, Uttarakhand, India

**Title of Presentation:** A comparison of the response of diploid and triploid common carp (*Cyprinus carpio*) to a subsequent experimental infection with *Aeromonas salmonicida*

16:45 PM - 17:00 PM

**Samiran Patra**

Murshidabad Krishi Vigyan Kendra, India

**Title of Presentation:** Assessment of parental care on hatching, survival rate and spawning frequency in freshwater angelfish (*Pterophyllum scalare*)

17: 00 PM - 17: 15 PM

SESSION ADJOURNMENT

## SPEAKER PRESENTATION SESSION

**Lali F. Anand**

College of Veterinary and Animal Sciences, Pookode, Kerala Veterinary and Animal Sciences University, Wayanad, Kerala, India

**Title of Presentation:** De novo transcriptome assembly and gene annotation in *Trachinotus blochii* (Silver pompano)

**12:30 PM - 13:00 PM****Victoria Chanu Khangembam**

ICAR-Directorate of Coldwater Fisheries Research, Bhimtal, Uttarakhand, India

**Title of Presentation:** Rapid isolation of genomic DNA from oomycetes

**13: 00 PM - 13: 30 PM**

## REFRESHMENT BREAK

**13:30 PM -14:00 PM****Perumal Santhanam**

Department of Marine Science School of Marine Sciences BHARATHIDASAN UNIVERSITY  
Tiruchirappalli, Tamil Nadu, India

**Title of Presentation:** Copepods: A promising alternative live feed towards the sustainable aquaculture

**14:00 PM - 14:30 PM****Gondwe Haggai**

National Aquaculture Research and Development Centre, Zambia

**Title of Presentation:** Assessing the effect of garlic, rosemary, and turmeric dietary supplementation on the growth, survival, and feed utilization of oreochromis macrochir (boulenger, 2012).

**14:30 PM - 15:00 PM**

## SPEAKER PRESENTATION SESSION

**Dimpal Thakuria**

ICAR-Directorate of Coldwater Fisheries Research, Bhimtal, Uttarakhand, India

**Title of Presentation:** Antibacterial Potential of a De-Novo Designed Peptide**15:00 PM - 15:30 PM****Shamika Shantaram Sawant**

ICAR- Central Institute of Fisheries Education, Mumbai, India

**Title of Presentation:** Biochar- and Lemna minor- integrated Hybrid Model for Oxybenzone Remediation: A Green Solution for Circular Economy**15:30 PM - 15:55PM**

## REFRESHMENT BREAK

**15:55 PM -16:15 PM****Anurag Semwal**

Department of Aquaculture, College of Fisheries, G. B. Pant University of Agriculture &amp; Technology, Pantnagar, Uttarakhand, India

**Title of Presentation:** Comparative Dietary Effect of *Butea monosperma* and *Pongamia pinnata* Leaves Methanolic Extract on Growth and Non-Specific Immune Responses of Rohu (*Labeo rohita*) Against *Aeromonas hydrophila***16:15 PM - 16:40 PM****Toshibaa Baa**

Department of Zoology, D.S.B. Campus Kumaun University Nainital, Uttarakhand, India

**Title of Presentation:** Comparative Growth Performance of Diploid and Triploid *Schizothorax richardsonii* and Conformity of Triploidy induction by the erythrocyte measurement**16:40 PM - 17:00 PM**

**SPEAKER PRESENTATION SESSION****Deepshikha Chandra**

College of Fisheries, Pantnagar GBPUA&amp;T, Pantnagar , India

**Title of Presentation:** Effect of mycofiltration on water quality parameters**17: 00 PM - 17: 25 PM****Puja Chakraborty**

ICAR-Central Institute of Fisheries Education, (Deemed University), Mumbai, India

**Title of Presentation:** Biosynthesis of silver nanoparticles using livestock visceral organs for its application in aquaculture**17:25 PM - 17:50 PM****POSTER PRESENTATION SESSION****Kirthiga S.S**

Department of Aquatic Environment Management , Kerala University of Fisheries and Ocean Studies, India

**Title of Presentation:** Influence of nutrients on the biogeochemistry of Vembanad Lake**17: 50 PM - 18:05 PM****SESSION ADJOURNMENT**



**Conference Mind**

# Scientific Program

# 5th International Conference On Aquaculture and Marine Biology

**APRIL 28-29, 2023**



<https://conferencemind.com/conference/aquacultureandmarinebiology>



# SCIENTIFIC PROGRAM

Day 1 (April 28, 2023)

## Presenter Info

### KEYNOTE SESSION

### Title of Presentation

**G. Vidya Sagar Reddy**

Dept. of Fish Processing Technology  
School of Fisheries, Centurion University of Technology  
and Management, Paralakhemundi , Gajapati Dt., Odisha

**Title:**Protein Efficacy in Growth Performance of  
Pangasius Fish in Cage Culture System at Palair  
Reservoir, Telangana State

10:00 AM - 10:30 AM

**Prof. Kurcheti Pani Prasad**

ICAR-Central Institute of Fisheries Education, India

**Title:** Will update shortly

10:30 AM - 11:00 AM

**A. Shyla Suganthi**

Department of Zoology, Holy Cross College,  
Nagercoil,  
Tamil Nadu, India

**Title:** Apocrine secretory process in male brachyuran  
crab ductal glands: an ultrastructural view

11:00 AM - 11:30 AM

### ORAL SESSION

**S. Ferosekhan**

ICAR-Central Institute of Freshwater Aquaculture,  
Bhubaneswar, Odisha, India

**Title:**Nutritional Programming in Fish

11:30 AM - 11:55 AM

**Sri P. Shanthanna**

Fisheries Research Station, PVNR Telangana Veterinary  
University, Telangana, India

**Title:** Will update shortly

11:55 AM - 12:20 PM

### E-POSTER SESSION

**Chandni Roy Dutt**

College of Fisheries, Ratnagiri , India

**Title:** Understanding marine ecosystem  
connectivity: A multi-scale model approach

12:20 PM - 12:40 PM

**Geethu Gopal**

Department of Zoology and Research Centre, Mahatma  
Gandhi College, Thiruvananthapuram, India

**Title:** Ecological status and drinking water  
potential of vellayani fresh water lake, Kerala

12:40 PM - 13:00 PM

REFRESHMENT BREAK (13:00 PM- 13:30 PM)

### ORAL SESSION

**Fathima Gudapati**

Ch. S. D. St. Theresa's College for Women (A), Eluru, Andhra  
Pradesh, India.

**Title:** Preparation and Quality Evaluation  
of Tilapia Fish Pickle in Andhra Style

13:30 PM - 13:55 PM

# SCIENTIFIC PROGRAM

Day 1 (April 28, 2023)

## Presenter Info

### KEYNOTE SESSION

**Rakesh Rahul Jadhav**

Dr. B.S. Konkan Krishi Vidyapeeth (Agricultural University), Ratnagiri, India

**Title:** Aquaponics System for Sustainable Aquaculture

13:55 PM - 14:25 PM

**B.Deivasigamani**

CAS in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai, Tamil Nadu, India

**Title:** Non-specific humoral immune response in marine finfish

14:25 PM - 14:55 PM

### ORAL SESSION

**Rishav Sheel**

Birsa Institute of Technology, Mesra, Ranchi, Jharkhand, India

**Title:** Rejuvenating the adverse effects of the polystyrene microplastics with nanotechnology-based applications

14:55 PM - 15:20 PM

**Shri Ram Yadav**

Department of Fisheries Resource Management, COFS, CCS HAU Haryana Agricultural University, Hisar India

**Title:** The assessment of Plankton diversity in Yamuna River, Haryana.

15:20 PM - 15:45 PM

**Ahilan Kamalii**

Dr. M.G.R. Fisheries College and Research Institute, Department of Aquaculture, Ponneri - 601204, Tamil Nadu, India.

**Title:** Dietary protein replacement of fish meal with black soldier fly larvae meal: Effects on growth and haemato-biochemical responses of juvenile goldfish, *Carassius auratus*

15:45 PM - 16:10 PM

**Kusumlata Goswami**

Department of Fisheries Resource Management GBPUAT, Pantnagar, Uttarakhand, India.

**Title:** Role of Indigenous Plant Based Biosorbent in Reducing Aquatic Contaminants

16:10 PM - 16:35 PM

**Suja Aarattuthodi**

Mississippi State University, USA

**Title:** *Edwardsiella piscicida*-associated septicemia in cultured catfish

16:35 PM - 16:50 PM

REFRESHMENT BREAK (16:50 PM- 17:00 PM)

# SCIENTIFIC PROGRAM

Day 1 (April 28, 2023)

## Presenter Info

### ORAL SESSION

### Title of Presentation

**R. Dhinesh**

Dr. M.G.R. Fisheries College, and Research Institute, Ponneri. India

**Title:** Efficiency Of Water Hyacinth Biochar In The Removal Of Nutrients From Processing Waste water

17:00 PM - 17:20 PM

**Kirthiga S.S**

Kerala University of Fisheries and Ocean Studies, Kochin, Kerala.

**Title:** Assessment of water quality and trophic state of vembanad lake using trix index.

17:20 PM - 17:40 PM

### VIDEO PRESENTATION

**Sangeeta Kumari**

Bihar Animal Sciences University, Patna, India

**Title:** Biofloc culture

17:40 PM - 17:55 PM

SESSION ADJOURNMENT

# SCIENTIFIC PROGRAM

Day 2 (April 29, 2023)

## Presenter Info

### KEYNOTE SESSION

### Title of Presentation

#### Phibi Philip Naduvathu

Institute of Fisheries Biotechnology (IFBT) /Tamil Nadu Dr J Jayalithaa Fisheries University (TNJFU) /OMR campus, Chennai, India

**Title:** Seaweed to Revolutionize the Blue Economy

**11:00 AM - 11:30 AM**

#### Binay Kumar Chakraborty

Executive Director and Consultant  
Mud eel, Mud crab, Aquaculture and Management Centre Former P. Director/Director, Department of Fisheries, Bangladesh

**Title:** Diversification of Fish and Fisheries Resource Management and its Challenge in Bangladesh

**11:30 AM - 12:00 PM**

#### A. Devivaraprasad Reddy

Krishi Vigyan Kendra, Dr.YSR Horticultural University, Venkataramannagudem, West Godavari District, Andhra Pradesh, India

**Title:** Holistic farming system approach for transformation and development of farming community for livelihood and sustainability

**12:00 PM - 12:30 PM**

#### M Ramanan

Director, Dheen Dayal Institute for Rural Development, Kanchipuram And Professor of Practice  
VIT Business School, VIT University, Vellire, India

**Title:** Impact of PMMSY in the development of Fisheries Sector

**12:30 PM - 13:00 PM**

### REFRESHMENT BREAK (13:00 PM- 13:30 PM)

### ORAL SESSION

#### Khangembam Victoria Chanu

ICAR-Directorate of Coldwater Fisheries Research, Bhimtal, Uttarakhand, India

**Title:** Specific PCR targeting variable ITS region for molecular identification of *Saprolegnia parasitica*

**13:30 PM - 13:55 PM**

#### Sandesh Vitthal Patil

College of Fisheries (Dr. B. S. Konkan Krishi Vidyapeeth), Ratnagiri, India

**Title:** Sustainable Shrimp Aquaculture Development in Maharashtra Through Adoption of Better Management Practices (BMPs)

**13:55 PM - 14:20 PM**

# SCIENTIFIC PROGRAM

Day 2 (April 29, 2023)

## Presenter Info

### ORAL SESSION

### Title of Presentation

#### D. Thakuria

ICAR-Directorate of Coldwater Fisheries  
Research, Bhimtal, Nainital-263136,  
Uttarakhand, India

**Title:** In silico identification, design and  
experimental validation of gene delivery by a  
cell penetrating peptide derived from fish  
virus

14:20 PM - 14:45 PM

#### Arun Das

MFSC Aquaculture KUFOS, Kochi,  
Kerala, India CEO, Stem Systems Pvt Ltd  
KUFOS, Kochi, India

**Title:** Recirculatory Aquaculture System for  
vannamei

14:45 PM - 15:10 PM

### REFRESHMENT BREAK (15:10 PM- 15:25 PM)

### ORAL SESSION

#### Mrinali Verma

Late Shri Punaram Nishad College of  
Fisheries, Kawardha , India

**Title:** Growth Performance of  
Lepidocephalichthys spp. in Biofloc Based  
Culture technology

15:25 PM - 15:40 PM

#### M.Naga Prasanth

Andhra Pradesh Fisheries University  
India

**Title:** Use of microalgae (spirulina) in fish  
culture

15:40 PM - 15:55 PM

#### Nitesh Kumar Yadav

College of Fisheries, CAU (Imphal)  
Lembucherra, Tripura, India

**Title:** The effect of climate change and mitigation  
measure through developing climate resilient  
aquaculture strategies

15:55 PM - 16:10PM

# SCIENTIFIC PROGRAM

Day 2 (April 29, 2023)

## Presenter Info

### E-POSTER SESSION

### Title of Presentation

**Harsha Harinkhede**

Department of Fisheries resources  
and Management, College of  
Fisheries, Mangaluru, India

**Title:** Revolutionizing Fisheries: The AI  
Solution

16:10 PM - 16:20 PM

**Diksha Arya**

Deptt. of Aquaculture, College of  
Fisheries, GBPUA&T, Pantnagar,  
Uttarakhand, India

**Title:** Refined method for preparation of  
metaphase chromosome plates from the  
advanced larvae of common carp fish.

16:20 PM - 16:30 PM

### KEYNOTE SESSION

**George Schroeder**

Assoc Prof Dr George Schroeder  
Liberty University College of  
Medicine USA

**Title:** Emergency Medical Evaluation of  
Inhalational Exposures to Palytoxin

16:30 PM - 17:00 PM

**Dr. Kakoli Banerjee**

Central University of Odisha India

**Title:** Spatio- temporal variation in marine fish  
landing with changing aquatic parameters

17:00 PM - 17:30 PM

### E-POSTER SESSION

**Anurag Semwal**

G.B. Pant University of Agriculture and  
Technology, Pantnagar, Uttarakhand, India

**Title:** Evaluation of acute toxicity of Butea monosperma  
methanolic leaves extract and its effect on the hemato-  
biochemical and behavioural response of the rohu,  
Labeo rohita

17:30 PM - 17:35PM

**B. Sureandiran**

Department of Fisheries Resource  
Management, College of Fisheries Science,  
Kamdhenu University, Veraval, Gujarat, India

**Title:** By-catch & discards and their  
management

17:35 PM - 17:40PM

## SESSION ADJOURNMENT