

Theme 6: Aquaculture & Fisheries-based Transformation of Food Systems

Theme Convenor
Dr. J.K. Jena
DDG (Fisheries Science), ICAR

Date: 11 October 2023
Time: 10.45 - 12.45 hrs.
Venue: Sini 1

Technical Session 1 (Theme 6-TS-1)		
Aquaculture Systems & Fisheries		
Session Coordinator: Dr. Shoba J. Kizhakudan, Pr. Scientist & HoD, ICAR-CMFRI		
Co-Chair I		Co-Chair II
Dr. K. Gopakumar		Dr. B.K. Das
Former DDG (FS), ICAR		Director, ICAR-CIFRI, Barrackpore
Rapporteur I		Rapporteur II
Dr. Muktha Menon, ICAR-CMFRI		Dr. Deepa Sudheesan, ICAR-CIFRI
Speaker	Topics	Duration
Dr. Rishi Sharma FAO, Fishery and Aquaculture Policy and Resources Division, Rome, Italy E mail: rishi.sharma@fao.org	Keynote Lecture Blue Transformation - Roadmap 2022–2030: A Vision for FAO’s Work on Aquatic Food Systems with Special Emphasis on India	30 min
Dr. J.K. Jena DDG (Fisheries Science), ICAR, New Delhi Email: jkjena2@gmail.com	Invited Lecture Sustainable Aquaculture & Fishing Practices: A Key Driver of Food Security in the 21 st Century	20 min
Dr. Salin Krishna Chair, Aquaculture Program Asian Institute of Technology Bangkok, Thailand Email: salinkr@ait.ac.th	Invited Lecture Aquaculture to Improve Nutrition and Food Security in Developing Countries	20 min
Dr. E. Vivekanandan Former Head, ICAR-CMFRI Email: evivekanandan@hotmail.com	Invited Lecture The Intersection of Climate Change and Fishery Management: Opportunities for Sustainable and Resilient Fisheries	20 min
Dr. Suresh Kumar Mojjada ICAR-CMFRI, Veraval Regional Centre Email: sureshkumar.mjd@gmail.com	Session Presentation Development of mariculture technology parks in India: A SWOT-based evaluation adds a new dimension to the mariculture sector landscape.	15 min
Discussion		15 min
Co-Chairs’ Remarks		5 min

Date: 11 October 2023
Time: 13.45 - 15.45 hrs.
Venue: Sini 1

Technical Session 2 (Theme 6-TS-2) Genetics, Health & Nutrition Session Coordinator: Dr. Imelda Joseph, Pr. Scientist, ICAR-CMFRI		
Co-Chair I Dr. Iddya Karunasagar Former FAO Expert & Sr. Director (International Relation) NITTE University, Mangaluru	Co-Chair II Dr. P.K. Sahoo Director, ICAR-CIFA Bhubaneswar	
Rapporteur I Dr. Krupesha Sharma ICAR-CMFRI	Rapporteur II Dr. Sandhya Sukumaran ICAR-CMFRI	
Speaker	Topics	Duration
Dr. Eric-Jan Lock Research Director Nutrition and Feed Technology NOFIMA, Norway Email: Erik-Jan.Lock@nofima.no	Keynote Lecture Fish Feed: Innovations for Driving Sustainable Aquaculture Growth	30 min
Dr. Morten Rye Director of Genetics, Benchmark Genetics Norway	Invited Lecture Leveraging Technology for Genetic Improvement in Aquaculture Production	20 min
Dr. Kuldeep K. Lal Director, ICAR-CIBA, Chennai Email: kuldeepklal@gmail.com	Invited Lecture: Fish Biotechnology Options for Transforming Aquaculture	20 min
Dr. Neeraj Sood Principal Scientist & HoD, ICAR-NBFGR Lucknow Email: sood-neeraj@rediffmail.com	Invited Lecture Technological Advancements and the Promise of Innovations towards Emerging Threats to the Fish Health in Aquaculture Systems	20 min
Dr. Biju Sam Kamalam Senior Scientist, ICAR-DCFR, Bhimtal Email: bijunut@hotmail.com	Session Presentation Future proofing rainbow trout aquaculture with functional feeds	15 min
Discussion		15 min
Co-Chairs' Remarks		5 min

Date: 11 October 2023
Time: 16.30 - 18.30 hrs.
Venue: Sini 1

Technical Session 3 (Theme 6-TS-3)		
Processing, Value Addition, Quality Control & Social Sciences		
Session Coordinator: Dr Toms Joseph, Principal Scientist, ICAR-CIFT		
Co-Chair I Dr. B. Meenakumari Former DDG (FS), ICAR & Former Chairperson, NBA		Co-Chair II Dr. Bimal Mohanty ADG (I.Fy), ICAR
Rapporteur I Dr. Aswathy N., ICAR-CMFRI		Rapporteur II Dr. Tanuja Abdulla, ICAR-CIFRI
Speaker	Topics	Duration
Prof. (Dr.) Soottawat Benjakul Professor, Prince of Songkla University, Thailand Email: soottawat.b@psu.ac.th	Keynote Lecture Advancements in Seafood Preservation: Ensuring Safe and Nutritious Fish Products	30 min
Dr. Ravishankar C.N. Director, ICAR-CIFE, Mumbai Email: cnrs2000@gmail.com	Invited Lecture Innovations in Fish Processing Technology for Increasing Efficiency and Reducing Wastage	20 min
Dr. Satyen Kumar Panda Advisor (Quality Assurance), FSSAI, Delhi Email: satyenpanda@gmail.com; advisor.qa.fssai.gov.in	Invited Lecture Quality Certification Standards in Fish Product Processing for Consumer Food Safety – An Indian Perspective	20 min
Dr. Holly Hapke Director of Research Development School of Social Sciences University of California, Irvine Email: drhollyhapke@gmail.com; hhapke@uci.edu	Invited Lecture Gender in Fisheries & Aquaculture: Driving Transformational Change for Food Systems	20 min
Dr. Remya S. Senior Scientist, ICAR-CIFT Kochi Email: remya03cof@gmail.com	Session Presentation Preparation of colorimetric spoilage indicators using plant anthocyanin extracts for intelligent packaging application in fish	15 min
Discussion		15 min
Co-Chairs' Remarks		5 min