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CIBA



Food and Agriculture
Organization of the
United Nations

Consultative Workshop on **Ecosystem Approach to Aquaculture (EAA) in Shrimp Farming**

14-15 July 2026 | ICAR-CIBA, Chennai



Introduction

The Bay of Bengal Programme Inter-Governmental Organisation (BOBP-IGO), through the Bay of Bengal Large Marine Ecosystem (BOBLME) Phase II Project, has been promoting the Ecosystem Approach to Fisheries (EAF) in the Bay of Bengal region to improve the sustainability, resilience, and governance of fisheries and aquaculture systems. Recognizing the strategic importance of scaling up EAF implementation, BOBP-IGO in collaboration with the Food and Agriculture Organization of the United Nations (FAO), is expanding the application of Ecosystem Approach to Aquaculture (EAA) in aquaculture systems. As part of this initiative, EAA Plans are drafted for two shrimp farming clusters: the Godavari Delta Shrimp Farming Cluster in Andhra Pradesh and the Cauvery Delta Shrimp Farming Cluster in Tamil Nadu.

The EAA is a strategy for the sustainable development and management of aquaculture that balances environmental integrity, social equity, and economic viability within broader ecosystem and governance frameworks. The approach recognizes that aquaculture activities are closely linked with surrounding ecosystems, communities, and other resource users and therefore require integrated planning and management beyond individual farm boundaries.

About the workshop

For finalizing the draft EAA Plans, the BOBP-IGO has proposed to conduct a Consultative Workshop by bringing together the project partners, government officials, and experts with sound knowledge on shrimp aquaculture in the Godavari Delta and Cauvery Delta regions. In the Workshop, the participants shall discuss and finalise the EAA Plans based on the draft plans prepared and from field experience, project results, and study findings.

By concentrating discussion and review efforts within a fixed two-day period, and by providing focused support through technical presentations, facilitated breakout group sessions, and access to resource materials, the Workshop shall enable the production of refined and validated EAA Plans within a short duration. The Workshop is also an effective approach for combining knowledge from practical field experience and scientific literature drawn from diverse participants across government, research institutions, the private sector, and farming communities. The Consultative Workshop to be conducted for the preparation of the EAA Plans will be an intensive, flexible, and participatory exercise, assisted by facilitators from BOBP-IGO.

Specific Objectives

The workshop will:

- Present and validate the draft EAA Plans for the Godavari Delta and Cauvery Delta shrimp farming clusters on identified issues, management objectives, proposed management actions, implementation arrangements, and monitoring frameworks, followed by open discussion.
- Facilitate breakout group discussions on major issues and threats, potential management actions, and institutional and legal arrangements for EAA Plan implementation, ensuring that outputs from both the clusters are captured, refined, and presented back to all participants.
- Integrate cross-cutting technical perspectives into the EAA Plans, including international market access requirements for shrimps, state-level governance mechanisms from

Andhra Pradesh and Tamil Nadu Fisheries Departments, legal provisions under the CAA framework, and the concepts of EAA as introduced by BOBP-IGO.

- Build consensus on a pathway to mainstream EAA principles into shrimp farming through a lead talk and panel discussion.
- Formally advance institutional commitments for EAA implementation through the signing of an MoU between BOBP-IGO and NaCSA-MPEDA.

Expected Outputs

By the end of the workshop:

- Validated and refined EAA Plans for the Godavari Delta and Cauvery Delta shrimp farming clusters, incorporating feedback from breakout group discussions and plenary presentations by cluster representatives.
- A shared understanding among participants of major issues and threats, prioritized management actions, and the institutional and legal arrangements required for EAA Plan implementation in both delta regions, as agreed through the structured breakout group process.
- Enhanced EAA Plans informed by cross-cutting technical inputs, including international market access standards, state governance frameworks from Andhra Pradesh and Tamil Nadu, CAA legal provisions, and the EAA Plus framework, ensuring relevance and alignment with the broader regulatory and market environment.
- A consensus-based action agenda for mainstreaming EAA principles into shrimp farming in India, emerging from the panel discussion chaired by NaCSA, with contributions from CAA, CIBA, the private sector, the Global Aquaculture Alliance, FAO, and cluster representatives.
- A signed MoU between BOBP-IGO and NaCSA-MPEDA formalizing institutional collaboration for EAA implementation, alongside an agreed set of next steps and a regional perspective on scaling up EAA initiatives as presented by FAO.

Participants

The participants for the consultative workshop will include Officers and experts from National Centre for Sustainable Aquaculture (NaCSA), scientists from Central Institute of Brackishwater Aquaculture (ICAR-CIBA); experts from FAO, officials from the state Fisheries Departments, Coastal Aquaculture Authority (CAA) and Society of Aquaculture Professionals (SAP), Monterey Bay Aquarium (MBA). The total number of participants will be around 20.

The consultative workshop will be conducted in English.

For any further information, please contact:

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Consultative Workshop on Ecosystem Approach to Aquaculture (EAA) in Shrimp Farming

Provisional Agenda

Day 1: 14.07.2026 (Tuesday)

Time	Activity	Resource
0930 - 1000	Registration	Participants
1000 - 1015	Opening Remarks and Context Setting	Dr. P. Krishnan <i>Director, BOBP-IGO</i>
1015 - 1030	NaCSA's experience in cluster formation in shrimp farming	Ms. Daiahun Khonglam <i>CEO, NaCSA</i>
1030 - 1045	Inaugural Address – Importance of adopting ecosystem approach in shrimp farming	Dr. M. Kailasam <i>Director, ICAR-CIBA</i>
1045 - 1100	GEF – FAO initiatives on shrimp farming in Andhra Pradesh	Mr. C. Muralidharan <i>Consultant, FAO</i>
1100 - 1130	Group Photo & Coffee break	
1130 – 1150	Draft EAA plan on Godavari Delta Shrimp Farming	Dr. Sunil Mohamed <i>Sr. Scientific Consultant, BOBP-IGO</i>
1150 - 1210	Discussion	
1210 - 1230	Draft EAA plan on Cauvery Delta Shrimp Farming	Dr. Sunil Mohamed <i>Sr. Scientific Consultant, BOBP-IGO</i>
1230 - 1250	Discussion	
1250 - 1300	Briefing the breakout sessions	Dr. E. Vivekanandan <i>Sr. Scientific Consultant, BOBP-IGO & EAFM International Consultant</i>
1300 - 1400	Lunch	
1400 – 1445	Breakout Session 1: Major issues and threats	2 breakout groups discussion
1445 – 1530	Breakout Session 2: Potential management actions	2 breakout groups discussion
1530 – 1600	Tea break	
1600 – 1630	Break-out Group Presentations (10 min each) 1. Godavari Delta Shrimp Farming 2. Cauvery Delta Shrimp Farming	Rapporteurs
1630 - 1645	Legal provisions of shrimp farming in the context of CAA	Mr. A.P. Deepak <i>Consultant (Technical), CAA</i>
1645 - 1715	Discussion & End of Day 1	Participants

Day 2: 15.07.2026 (Wednesday)

Time	Activity	Resource
0930 – 0940	Recap of Day 1	BOBP-IGO
0940 – 1000	Expectations from EAA Plan for shrimp farming in India	Dr. Panchu Duraisamy <i>BAP Country Coordinator & GAA (SAP Representative)</i>
1000 – 1020	How EAA can be used for improving international market access of shrimps - <i>Perspectives from Monterey Bay Aquarium</i>	Dr. Santhana Krishnan <i>CEO, Marine Technologies</i>
1020 – 1050	Governance mechanism for shrimp farms in Andhra Pradesh & Tamil Nadu & potential role of EAA	Mr. Kovvuri Chalapathi <i>FDO, Andhra Pradesh</i> Mr. K. Janardhanan <i>Asst. Director, TN</i>
1050 – 1115	Coffee break	
1115 – 1200	Panel Discussion: Mainstreaming EAA in Shrimp Farming Leveraging Existing Institutional Mechanisms Moderator: Dr. P. Krishnan, BOBP-IGO	
1115 -1200	<u>Lead Talk:</u> Integration of EAA Principles into Shrimp Farming through NaCSA Clusters Opportunities & Strategies <u>Panelists</u> - Dr. M. Muralidhar, CIBA - Mr. Panchu Duraisamy, GAA / SAP - Mr. V. Balasubramaniam, PFFI - Representative from Godavari Cluster - Representative from Cauvery Cluster	Ms. Daiahun Khonglam <i>CEO, NaCSA</i>
1200 – 1210	Interaction / Q&A	Participants
1210 – 1315	CLOSING SESSION	
1210 – 1225	Overview of the Workshop Outcome	Dr. P. Krishnan <i>Director, BOBP-IGO</i>
1225 – 1240	Potential for Regional Initiatives of EAA	Dr. Marcelo Vasconcellos, <i>Sr. Fishery Officer, FAO</i>
1240 – 1255	Guest of Honour Address: Role of ICAR-CIBA in Mainstreaming EAA in Shrimp Farming	Dr. M. Kailasam <i>Director, ICAR-CIBA</i>
1255 – 1310	Chief Guest Address: Mainstreaming EAA Plus for Sustainable shrimp farming practices in India: Perspectives from CAA	Mr. K.C. Devasenapathi, IAS <i>Secretary, CAA</i>
1310 - 1315	Closing Remarks	BOBP-IGO
1315 - 1415	Lunch	



BOBP

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