



# *NATIONAL WORKSHOP ON* **ALIGNING ACADEMIC RESEARCH WITH NATIONAL MARINE FISHERIES RESOURCE ASSESSMENT NEEDS**

*A capacity development initiative for the Faculty of  
Fisheries Resource Management (FRM) Divisions of the  
Fisheries Colleges from the Coastal States in India*

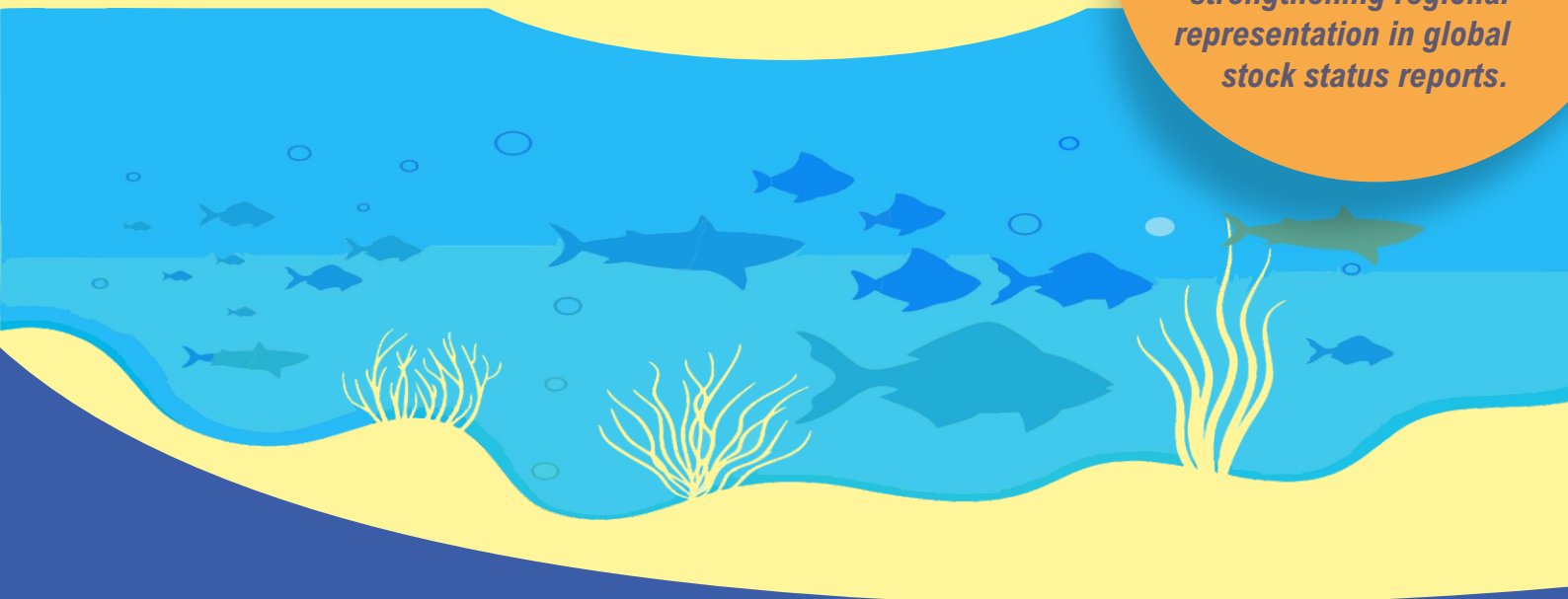
**29 – 31 May 2025**  
**Four Points by Sheraton, Kochi**

***In Collaboration with***



**Food and Agriculture  
Organization of the  
United Nations**

*The Workshop is  
organized in the sidelines  
of the Regional Workshop  
on FIRMS organized  
by FAO and BOBP for  
strengthening regional  
representation in global  
stock status reports.*



## Background

The FAO and BOBP-IGO are organizing a regional workshop focused on strengthening regional representation in global stock status reporting using FIRMS. This initiative is crucial for improving the accuracy, transparency, and coverage of global fisheries assessments. This proposed side event will leverage the expertise and resources available during the regional workshop and expands the impact within India by involving academic institutions.

India, as a BOBP-IGO member country, is committed to improving its fisheries data collection, assessment, and reporting practices. Academic institutions in India play a vital role in training future fisheries professionals and conducting research relevant to sustainable fisheries management. Enhancing the capacity of faculty members in these institutions is crucial for long-term improvements in fisheries resource management and will directly contribute to meeting India's SDG 14 targets.

### Key Features

- Participants will attend the Regional Workshop and interact with international experts
- There will be a special session for the faculty members on how to align student research with national stock assessment strategy
- Faculty will be sensitized on the recent initiatives taken by ICAR-CMFRI in the domain of fisheries resource assessment.

## Workshop Objectives

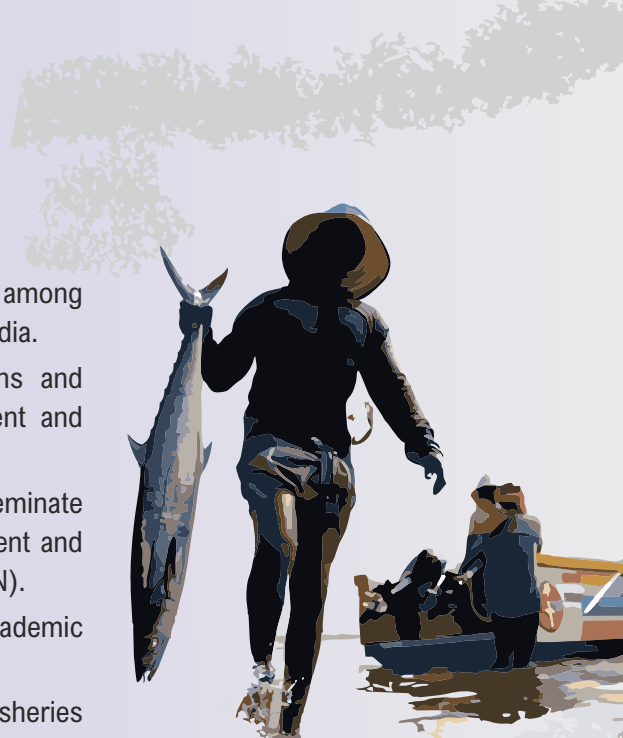
- **Capacity Building:** Equip fisheries academicians with the latest knowledge and skills in fish stock assessment methodologies aligned with FIRMS.
- **Curriculum Development:** Facilitate the integration of updated stock assessment techniques into fisheries curricula across Indian universities and colleges.
- **Research Enhancement:** Promote research collaborations between academic institutions and national fisheries organizations FSI, CMFRI) in the area of stock assessment.
- **SDG 14 Contribution:** Support India's efforts in achieving SDG 14 by improving data quality and reporting on fish stock status.
- **Data Collection Orientation:** Provide an understanding of national census data collection methodologies used by CMFRI.
- **Student Research Framework:** Introduce a draft student research framework designed to contribute to national research initiatives.
- **Networking and Collaboration:** Foster networking and collaboration between fisheries academicians and researchers from national fisheries institutes like FSI and CMFRI; and experts from FAO and BOBP IGO.



# Expected Outcomes

The expected outcomes of the workshop are:

- Enhanced understanding of FIRMS and SOFIA SoSI methodologies among the fisheries resource management faculty from coastal states in India.
- Increased research collaboration between academic institutions and national fisheries organizations in the area of stock assessment and resource management.
- A network of trained academicians who can further disseminate knowledge and best practices in sustainable fisheries management and integration with Bay of Bengal Stock Assessment Network (BOBSAN).
- Mainstreaming BOBSAN INDIA Framework for Integration of Academic Research with National Resource Assessment.
- Integration of updated stock assessment techniques into fisheries curricula in Indian colleges and universities.



## Participants

- Heads/Senior Faculty of the Division of Fisheries Resource Management (FRM) of the Fisheries Colleges from the coastal states in India, involved in teaching and guiding the PG researchers under the FRM Division.
- Participation of the official nominees will be fully sponsored. Sponsorship will include air/train ticket (economy class, shortest route) from the place of duty to Kochi and back; lodging (on twinshared basis); full board; airport transfers at Kochi will be arranged by the organizers.

## Feedback & Follow-up

- A short quiz will be administered to assess the participants' understanding of key concepts and profile the training needs.
- **Dissemination Workshop:** Participants will be expected to organize a dissemination workshop for their students and faculty and submit an action plan in a format circulated to the participants. All required resource materials will be provided to the participants.

## Resource Persons

- Experts from FAO and BOBP IGO
- Scientists from ICAR-CMFRI and BOBSAN Regional Experts



# Programme Schedule

## Day 1: May 29, 2025

**Venue: Main Hall; (Participate in FAO Workshop)**

Time	Agenda item description	Presenter
0900-0945	Welcome address and opening statements	
0945-1000	Overview of FAO's role in structuring global state of stocks monitoring (SOFIA SoSI) and in support to global fisheries management	<b>Rishi SHARMA</b>
1000-1015	FAO's role as custodian agency for SDG Indicator 14.4.1 at national level and convergence with the regional and global indicator	<b>Anne Elise NIEBLAS</b>
1015-1030	The FIRMS Partnership in support of the collation of fishery stock assessment at global and regional level	<b>Aureliano GENTILE</b>
<b>1030-1100</b>	<b>Coffee break</b>	
1100-1145	Introduction to FAO's updated State of Stocks Index (SOFIA-SoSI)	<b>Rishi SHARMA</b>
1145-1230	Categorization of stock assessment methodologies: tiered approaches (Tiers 1, 2, 3)	<b>Rishi SHARMA</b>
<b>1230-1400</b>	<b>Lunch break</b>	
1400-1430	Data categories and collection methods: categories of data sources	<b>Rishi SHARMA</b> <b>Anne Elise NIEBLAS</b>
1430-1500	Revising and expanding stock lists (SoSI list area 51, 57) - Steps for revising the fishery stock list in the region	<b>Rishi SHARMA</b>

## PARALLEL SESSION:

**Venue: Hall 2; National Workshop for FRM Faculty**

Time	Agenda item description	Presenter
1530-1545	Criteria for selection of species & stocks for Stock Assessment for Marine Fish Stock Status	<b>ICAR-CMFRI</b>
1545-1615	Data Collection and Stock Assessment Methodology used by ICAR-CMFRI	<b>ICAR-CMFRI</b>
1615-1630	Introduction to Marine Fisheries Census	<b>ICAR-CMFRI</b>
1630-1645	Linkage between stock status information and trade negotiations	<b>ICAR-CMFRI</b>
1645-1730	FRM Faculty Practical Concerns in Planning Students' Research: Interaction with CMFRI Team	<b>ICAR-CMFRI</b>

**1830-2100**

**Cultural Show and  
Networking Dinner**





## Day 2: May 30, 2025

### Venue: Main Hall; (Participate in FAO Workshop)

Time	Agenda item description	Presenter
0900-1030	Stock status determination in data poor situations - a light refresh on data limited assessment methods	Rishi SHARMA
1030-1100	<b>Coffee break</b>	
1100-1130	National SDG14.4.1 reporting framework	Anne Elise NIEBLAS

### PARALLEL SESSION:

#### Venue: Hall 2; National Workshop for FRM Faculty

Time	Agenda item description	Presenter
1200-1245	Recent Advances in Gear Technology (Gear Modifications, Marking, ALDFG, etc)	ICAR-CIFT
1245-1300	FRM Faculty Practical Concerns in Planning Gear Technology Research: Interaction with CIFT Team	ICAR-CIFT
1300-1415	<b>Lunch break</b>	

### Venue: Main Hall; (Participate in FAO Workshop)

Time	Agenda item description	Presenter
1415-1515	FIRMS reporting framework, requirements and formats <ul style="list-style-type: none"><li>● IRMS stock and fisheries templates</li><li>● SoSI Minimum Data Requirements</li><li>● Area standards for the BOBP region</li><li>● Ensuring data quality and consistency</li></ul>	Aureliano GENTILE
1515-1530	<b>Coffee break</b>	

### PARALLEL SESSION:

#### Venue: Hall 2; National Workshop for FRM Faculty

Time	Agenda item description	Presenter
1530-1615	Breaking Myths in FRM Research & Opportunities for Networking with National & Regional Experts	BOBP-IGO
1615-1630	Introduction of the BOBSAN INDIA Framework for Integration of Research with National Resource Assessment	BOBP-IGO & ICAR-CMFRI
1630-1710	<b>Group Exercise</b> The participants will be divided into three groups, who will discuss pre-defined questions (Framing Nationally and Regionally Relevant Research Questions in FRM; Challenges and Needs for Collaboration, etc.)	BOBP-IGO & ICAR-CMFRI
1710-1730	Plenary Session	

1830-2030

Visit to Landing Centre  
(ICAR-CMFRI)



## Day 3: May 31, 2025

Time	Agenda item description	Presenter
0830	Departure from Hotel	
1000-1100	Visit Gear Technology Laboratories into CIFT to explore collaborative research in FRM	ICAR-CIFT
1100-1115	Coffee break	
1130	Departure from ICAR-CIFT	
1200-1300	Visit to Fish Biology Laboratories in CMFRI to explore collaborative research in FRM	ICAR-CMFRI
1300-1400	Lunch at CMFRI	
1400-1800	Guests relax in CMFRI Guest House in Transit and depart to their home states as per their departure schedule (all leaving same day evening)	ICAR-CMFRI

## Overall Schedule

Date	Venue	Period	Session particulars	Resource Persons
28 May	Arrival of Guests from Colleges			
29 May	Hotel - Main Hall	0900 - 1500	FAO Workshop	FAO
	Hotel - Hall 2	1530 - 1730	National Workshop	ICAR-CMFRI
	Hotel - Main Hall	1830 - 2100	Social Dinner + Cultural Show	
30 May	Hotel - Main Hall	0900 - 1130	FAO Workshop	FAO
	Hotel - Hall 2	1200 - 1300	National Workshop	BOBP-IGO
	Hotel - Main Hall	1400 - 1130	FAO Workshop	FAO
	Hotel - Hall 2	1530 - 1730	National Workshop	BOBP-IGO & ICAR-CMFRI
	Landing Centre	1630 - 2000	National Workshop	ICAR-CMFRI
31 May	Transit from Hotel to ICAR-CIFT	0830 - 1000		ICAR-CMFRI
	CMFRI & CIFT	1000 - 1400	Lab Visits for Workshop Participants	ICAR-CMFRI & CIFT



**Bay of Bengal Programme**  
Inter-Governmental Organisation

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