



Food and Agriculture
Organization of the
United Nations



DEPARTMENT OF
FISHERIES



Pradhan Mantri
Matsya Sampada Yojana
(PMMSY)

International Conclave on

Mainstreaming Climate Change into International Fisheries Governance and Strengthening of Fisheries Management Measures in the Indo-Pacific Region

16 - 19 October 2023

Welcomhotel By ITC Hotels, Kences Palm Beach
Mahabalipuram, India



Organizers



Climate change is significantly altering the distribution of shared (straddling, transboundary, and highly migratory) marine fish stocks worldwide. Recent studies predict that by the end of this century, nearly half of the shared marine fish stocks will have relocated, and a vast majority of the world's exclusive economic zones will witness at least one such shift. This relocation of marine fish stocks poses a challenge to the existing fisheries management framework. A deeper comprehension of how climate change affects shared fish stocks is crucial for robust, climate-resilient international fisheries governance.

The 35th session of the Committee on Fisheries (COFI35) held in Rome during 05-09 September 2022, recognized that the Regional Fishery Bodies (RFBs) have to effectively engage with the member countries in the topic of climate change, and requested FAO to develop guidelines on climate resilient fisheries management, and as part of the solution, convene a workshop with RFBs.

Responding to this, the FAO convenes this Regional Workshop, **“Mainstreaming Climate Change into International Fisheries Governance – the Case of Regional Fisheries Bodies in the Indo-Pacific Region”**, involving the Regional Fishery Bodies (RFBs) from the Indo-Pacific region to develop guidelines for climate resilient fisheries management and strategize the integration of climate change into international fisheries governance.

The Department of Fisheries, under the Ministry of Fisheries, Animal Husbandry and Dairying of the Government of India hosts this International Conclave, wherein, in addition to the FAO Workshop, following two side events will be held.

- 1. Mainstreaming Mission LiFE in Fisheries Management:**
LiFE or Lifestyle for Environment calls for positive behavioural change to contribute to environmental sustainability.
- 2. India's Preparedness for Adapting to Climate Change in Marine Fisheries**

Overview of Schedule

Date	Session 1 0930 to 12.30	Session 2 1330 to 16.30	Evening Session 17.30 onwards
Oct 16	Arrival of the participants		<u>Field Visit</u> UNESCO Heritage Sites at Mahabalipuram
Oct 17	Inauguration of FAO Workshop Brainstorming Session on India's Preparedness for Adapting to Climate Change in Marine Fisheries	FAO Workshop on Mainstreaming Climate Change into International Fisheries Governance <i>Side Event: Brainstorming Session</i>	Scoping Workshop on Mainstreaming LiFE in Fisheries Management Cultural Event Welcome Dinner
Oct 18	FAO Workshop continues... Indo-Pacific RFBs Workshop on Mainstreaming Climate Change in Fisheries Governance <i>Brainstorming Session continues</i> India's Preparedness for Adapting to Climate Change in Marine Fisheries		<u>Field Visit</u> Field Labs of ICAR-CIBA & TNJFU Muttukadu Backwaters / Kovalam Beach
Oct 19	FAO Workshop concludes	Departure of the participants	



Regional Workshop on Mainstreaming Climate Change into International Fisheries Governance – the Case of Regional Fisheries Bodies in the Indo-Pacific Region

The FAO Workshop aims to encourage collaboration among Indo-Pacific Regional Fishery Bodies (RFBs) in addressing the challenges posed by climate change and other fisheries issues.

Examples presented by RFBs from the Indo-Pacific region are intended to cover their relevant ongoing and planned work towards implementing risk-based management approaches that respond to changes in ecosystem states, including the impacts of climate change.

Fisheries in the Indo-Pacific region

The Indo-Pacific Region comprises nearly half of the global oceanic area, largely comprising developing countries. The most populous nations of the world, India, China, and Indonesia, belong to this region.

Fisheries play an important role in the region as a source of food and livelihood. It is also the main export commodity, especially in the small islands and developing states belonging to the region. Fisheries in this region is small-scale in nature.

In 2021, capture and culture fisheries production from the region is approximately 60 and 112 million tonnes, respectively, which is about 66 percent and 89 percent of global capture and culture production.

The region is highly vulnerable to climate change, with possible impacts ranging from frequent extreme weather events to flooding, erosion and sea level rise.

Provisional Agenda of the Workshop

17 October 2023 Opening of the Meeting

Global Review of RFBs on Climate Action

Presentations on findings of global review of RFBs in addressing climate change in their multilateral fisheries governance practices.

Outcomes from RFBs

Presentations by RFBs and Regional Organizations about the research results and outcomes related to climate change.

Plenary Discussion

Consolidation of a list of good practices, lessons learnt, gaps and challenges.

18 October 2023 Plenary Discussion (cont)

Role of RFBs in Addressing Climate Change

Presentations on the role of RFBs in addressing climate change including a systemic analysis of their mandates and functions from an international law perspective.

Break-out session

Brainstorm about key entry points and opportunities for RFBs, the need for capacity building programs, and decisions framework on climate resilient management.

Plenary Discussion

Discussion on break-out group outcomes and synthesizing the results

19 October 2023 Review and Closure of Workshop

Review of main outcomes and further follow-up actions.

Specific objectives

- To take stock of good practices and lessons learnt from RFBs that have the most advanced experience in implementing risk-based management strategies to account for changes in ecosystem states, including climate change impacts.
- To provide the basis for the development of a set of tailored solutions to implement risk-based management that considers data-poor contexts and uses the best available science, which also considers regional differences.
- To outline a roadmap to develop a risk management / decision framework on climate resilient management.
- To outline the need for a capacity building program in this arena.
- To provide an additional channel to foster exchange of views and enhance cross fertilization among RFBs.

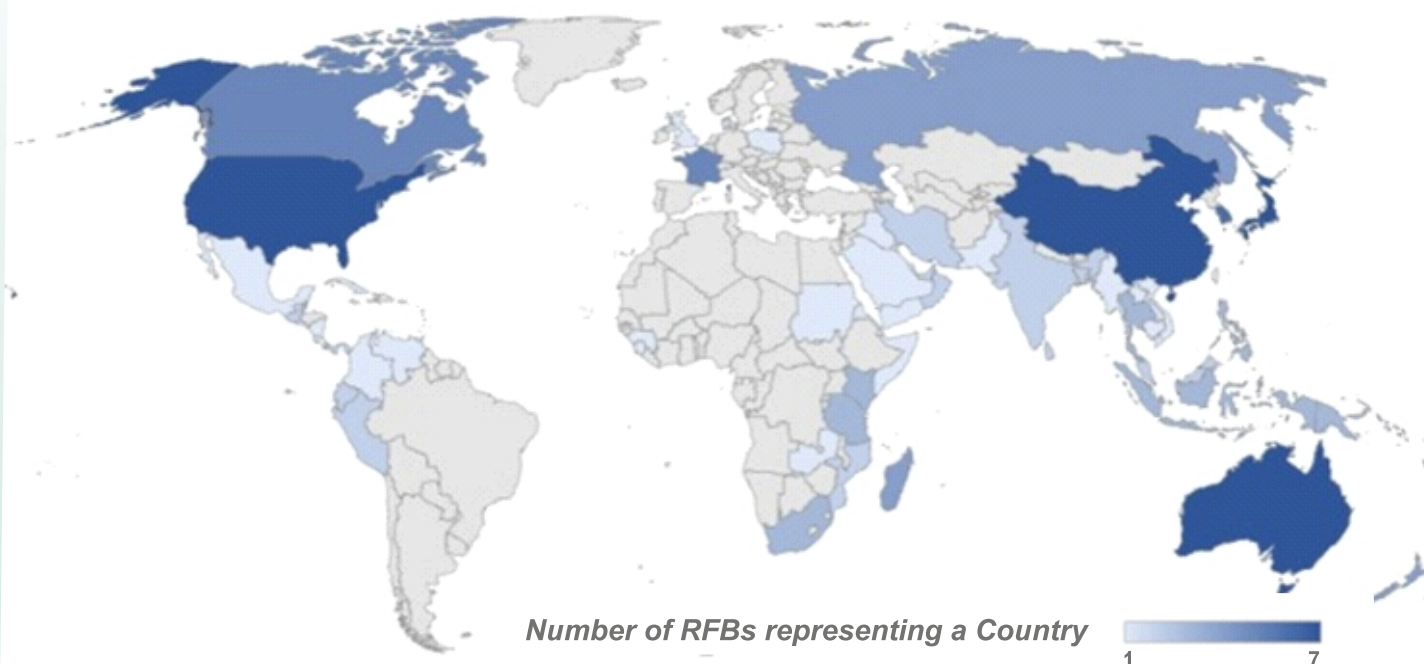
Expected Outputs / Deliverables of the Event

- Compilation of good practices and lessons learnt on the current management responses by RFBs to climate change.
- Key entry points and opportunities for RFBs to enhance the integration of climate change into international fisheries management.
- Main elements of a risk management/decision framework on climate resilient management and roadmap to develop and launch such a framework.
- Identification of the need-based capacity-building programs to support RFBs responses to climate change.
- Recommendations to enhance regional coordination for effective fisheries management.

List of RFBs attending the meeting

- Bay of Bengal Programme Inter-Governmental Organisation (BOBP-IGO)
- Convention on the Conservation and Management of the Pollock Resources in the Central Bering Sea (CCBSP)
- Forum Fisheries Agency (FFA)
- Inter-American Tropical Tuna Commission (IATTC)
- Indian Ocean Tuna Commission (IOTC)
- International Pacific Halibut Commission (IPHC)
- North Pacific Anadromous Fish Commission (NPAFC)
- North Pacific Fisheries Commission (NPFC)
- Pacific Salmon Commission (PSC)
- Regional Commission for Fisheries (RECOFI)
- Southeast Asian Fisheries Development Centre (SEAFDEC)
- South Indian Ocean Fisheries Agreement (SIOFA)
- Pacific Community (SPC)
- South Pacific Regional Fisheries Management Organisation (SPRFMO)
- Southwest Indian Ocean Fisheries Commission (SWIOFC)
- Western and Central Pacific Fisheries Commission (WCPFC)

Countries represented by the participating RFBs in the Indo-Pacific Region



Membership Matrix of Countries in the Participating RFBs

RFBs

Member Countries	BOBP-GO	PSC	CCOSP	RECOP	FFA	SEADEC	IATTC	SIOFA	IOTC	SFC	IPHC	SPRFMO	NPAC	NPFC	SWIOFC	WCPFC
American Samoa																
Australia																
Bahrain																
Bangladesh																
Belize																
Brunei																
Cambodia																
Canada																
Chile																
China																
Chinese Taipei																
Colombia																
Comoros																
Cook Islands																
Costa Rica																
Cuba																
Denmark																
Djibouti																
Ecuador																
El Salvador																
Eritrea																
European Union																
Faroe Islands																
Federated States of Micronesia																
Fiji																
France																
French Polynesia																
Guam																
Guatemala																
Guinea																
India																
Indonesia																
Iran																
Iraq																
Japan																
Kenya																
Kiribati																
Korea																
Kuwait																
Laos																
Madagascar																
Malaysia																
Maldives																
Marshall Islands																
Mauritius																
Mexico																
Micronesia																
Mozambique																
Myanmar																
Nauru																
New Caledonia																
New Zealand																
Nicaragua																
Niue																
Northern Mariana Islands																
Norway																
Oman																
Pakistan																
Palau																
Panama																
Papua New Guinea																
Peru																
Philippines																
Pitcairn Islands																
Poland																
Qatar																
Russia																
Samoa																
Saudi Arabia																
Seychelles																
Sierra Leone																
Singapore																
Solomon Islands																
Somalia																
South Africa																
South Korea																
Sri Lanka																
Sudan																
Tanzania																
Thailand																
Tokelau																
Tonga																
Tuvalu																
United Arab Emirates																
United Kingdom																
United States																
Vanuatu																
Venezuela																
Vietnam																
Wallis and Futuna																
Yemen																
Zambia																

NEED FOR COOPERATION AMONGST RFBs

Common issues:

Overfishing and overcapacity of fishing fleets, which deplete the fishery resources and threaten their sustainability.

Lack of data and uncertainty about the status of fish stocks hinder the scientific assessment and management of fisheries.

IUU fishing undermines the effectiveness of conservation and management measures.

Bycatch and discards of non-target species cause wastage of fishery resources and impact the marine ecosystem.

External factors such as climate change and natural disasters, and land-based activities like pollution, trade globalization, etc., affect the fishery resources and the work of RFBs.

The 16 RFBs participating in this Workshop have a collective membership of >85 countries.

WAVES
of Art...

Special
Session

17-18
October



This event will provide a platform for art enthusiasts and Workshop participants to engage in sketching focussed on the theme of "Climate Change in the Ocean."

Eminent Indian artists are also participating.

Scoping Workshop on Mainstreaming LiFE for Fisheries Management

17 October 2023 | 1730 -1930



Global Launch of Mission LiFE by
UN Secretary General & the Prime Minister of India

Lifestyle for Environment (LiFE) embodies an empathetic approach to sustainable development.

In contrast to the conventional 'command and control' strategies for sustainability, LiFE emphasizes celebrating humanity's intrinsic connection with nature. From a policy standpoint, the LiFE approach derives its potency from effective nudging tactics, as seen in successful initiatives such as Swachh Sagar Surakshit Sagar campaign aimed to remove approximately 15,000 tonnes of waste from 75 beaches in 75 days. Additionally, principles of the circular economy approach are also organic to LiFE.

Translating LiFE to fisheries management is not an easy task. However, there are various incidences that underscore the suitability of LiFE for the fisheries sector. In the serene waters of Tharuvaikulam, a coastal village in Tuticorin district of Tamil Nadu, the powered fishing boats do not employ trawling gear. Instead, gillnets are their choice, following an age-old, unwritten agreement prioritizing marine ecosystem health. It was despite the fact that trawling is rampant in the neighbourhood.

The event would serve as a platform to discuss such transformative potential of the LiFE in progressive fisheries management.

Participants

Representatives from the Government, academia, research institutions, and RFBs.

Technical Presentations

- What is LiFe and Why LiFe?
- Adopting LiFE for Fisheries Management – Initiatives and Future Prospects

Poster Competition on LiFE

An IDEA CONTEST is being launched for college students inviting innovative thoughts on the theme of "Mainstreaming LiFE for Fisheries Management".

- All contributors will receive certificates as LiFE Ambassadors.
- Selected ideas will be compiled and published as a compendium.
- The top 20 contenders will get to showcase their concepts at the International Workshop, with all costs for their participation covered by the organizers.

Visit www.bobpigo.org for more details about the competition.



Brainstorming Session on India's Preparedness for Adapting to Climate Change in Marine Fisheries

17 - 18 October 2023

Fisher-people are particularly susceptible to the adverse effects of climate change due to their vulnerable position between the impacts from the landward and seaward sides. This precarious situation poses profound challenges for fishers, from lost working days to dwindling resources, threatening their very livelihoods. Addressing this requires holistic solutions that blend sustainable resource management, community involvement, technology, and tailored policy frameworks.

Recognizing the urgency, India prioritizes climate adaptation and resilience-building for its coastal communities. This session will highlight India's key initiatives, presenting them to global experts for potential enhancement and broader application.

In a testament to its commitment, India ranks among the top five in the 2023 Climate Change Performance Index (CCPI), climbing two spots from its previous position. Notably, India, alongside the UK and Germany, is one of the three G20 nations recognized as high performers in the CCPI 2023.

During this session, the key initiatives undertaken by the Govt. of India and other agencies in India will be presented to the global experts for dissemination and cross-fertilization to explore their application beyond the frontiers.

Specific Objectives

- Facilitate the exchange of knowledge, research findings, and best practices.
- Foster dialogue and collaboration among scientists from the region on climate-resilient strategies.

Participants

The participants include representatives from FAO, RFBs, Government, academia, research institutions across Ministries from India and scientist and policy makers from neighbouring countries.

Technical Presentations

- Climate proofing Marine Fisheries: Development Initiatives of GoI
- Adaptive Fisheries Management Plan for Climate-Resilient Fishing in India
- Advances in Ocean Advisory and information services for enhancing the coping and adaptive capacity of fishers
- Policy Framework for Climate Change Adaptation in India
- Showcase success stories of the interventions by multilateral agencies in enhancing climate resilience among India's coastal communities
- Experience sharing from neighbouring countries



Visit to UNESCO Heritage Sites

16 Oct 2023



Mahabalipuram, also known as Mamallapuram, is renowned for its ancient temples and rock-cut sculptures, which stands as a testament to the architectural prowess of the Pallava Dynasty that ruled the region between the 3rd and 9th centuries CE.

Cultural Soirée

17 Oct 2023



Traditional Indian dances accompanied by light music showcasing India's rich cultural heritage.

Field Trips

18 Oct 2023

Participants can select the package of their choice for field trips

Option 1

Muttukadu
Experimental Station
ICAR-CIBA



Directorate of Incubation
and Vocational Training
in Aquaculture, TNJFU



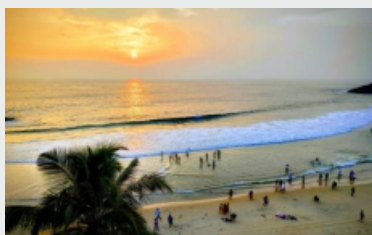
The experimental field station of ICAR-Central Institute of Brackishwater Aquaculture (CIBA) & Directorate of Incubation and Vocational Training in Aquaculture (DIVA) of Tamil Nadu Dr. J. Jayalithaa Fisheries University (TNJFU) at Muttukadu are among the state-of-the-art brackish water aquaculture research facilities in South Asia.

Option 2

Muttukadu Backwaters



Kovalam Beach

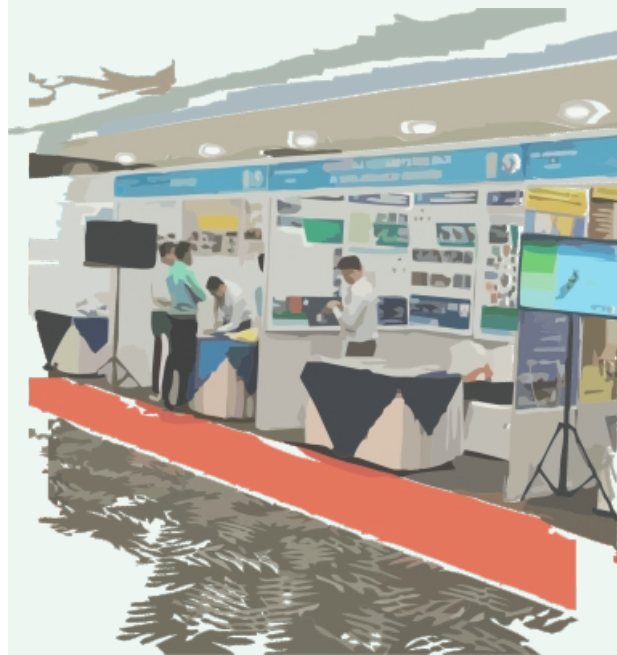


Muttukadu Backwaters and Kovalam Beach are among the famous tourist destinations near Chennai. The localities are diverse in flora and fauna and blends the elements of greenery and the expanse of water perfectly.

Thematic Exhibition

17-18 Oct 2023

The event will have a thematic expo where the research organisations, academic institutions, community organisations and industry will showcase their innovations and technologies towards climate resilient fisheries and aquaculture.



Our Collaborators

