

Annex

This outline proposes a specialized coastal resource management plan with Ecosystem-based Adaptation (EbA) as its foundational strategy for coastal resilience. This evolving template is intended for further development and refinement during its use and adoption.

I. Introduction

Background: Explicitly mention of the value of EbA in addressing the specific climate change vulnerabilities of the area.

Purpose: State EbA as a core strategy within the ICRMP, highlighting its benefits for both ecosystem health and community well-being.

Scope: Define the geographic scope and thematic areas, emphasizing those where EbA offers significant advantages.

II. Situation Analysis

Biophysical Assessment:

Ecosystem Service Assessment: Quantify and map the services provided by each ecosystem (e.g., carbon sequestration by mangroves, coastal protection by coral reefs, fisheries support by seagrass beds). This highlights the value of healthy ecosystems for adaptation.

Climate Change Impact Modeling: Include detailed projections of climate change impacts on ecosystem services, using tools and scenarios relevant to the location. This helps prioritize EbA interventions.

Socioeconomic Assessment:

Vulnerability Assessment: Use vulnerability assessment results of MDDRMC, identifying communities and livelihoods most reliant on ecosystem services and most vulnerable to climate change. This ensures EbA interventions target those most in need.

Traditional Ecological Knowledge (TEK): Document local knowledge and practices related to ecosystem management and climate adaptation. Integrate this TEK into the ICRMP for more effective and culturally appropriate EbA strategies.

Legal and Institutional Framework:

EbA Policy Gap Analysis: Identify policy gaps and opportunities to strengthen the legal and institutional framework for implementing EbA.

III. Goals and Objectives

Vision: The vision should explicitly reflect the desired future state of the coastal ecosystems and the role of EbA in achieving it.

Goals and Objectives: Frame goals and objectives to maximize the use of EbA, ensuring that ecosystem services are maintained or enhanced.

IV. Strategies and Actions

Prioritization of EbA Measures: Clearly identify and prioritize actions that utilize or enhance ecosystem services for adaptation (e.g., mangrove restoration for coastal protection, sustainable aquaculture within integrated multi-trophic systems).

Ecosystem-based Disaster Risk Reduction (Eco-DRR): Integrate Eco-DRR into disaster preparedness and response plans, recognizing the role of healthy ecosystems in reducing risks.

Climate-Smart Coastal Development: Promote development that minimizes impacts on ecosystems and maximizes their role in adaptation (e.g., green infrastructure, setbacks from vulnerable areas).

Community Engagement in EbA: Ensure active participation of local communities in the planning, implementation, and monitoring of EbA interventions.

V. Implementation Framework

Adaptive Management: Emphasize adaptive management, allowing for adjustments to the ICRMP based on monitoring data and new information about climate change and ecosystem responses.

Capacity Building for EbA: Invest in training and capacity building for local communities, government agencies, and other stakeholders on EbA principles and practices.

Knowledge Sharing: Promote knowledge sharing and learning exchanges on EbA successes and challenges.

VI. Monitoring and Evaluation

Ecosystem Service Indicators: Include specific indicators to monitor the health of ecosystems and the effectiveness of EbA measures in maintaining ecosystem services.

Socioeconomic Indicators: Track the socioeconomic benefits of EbA interventions for local communities.

VII. References

VIII. Annexes

By emphasizing these elements, the ICRMP moves from simply integrating EbA to actively leveraging it as a primary strategy for coastal resilience. This ensures that the plan not only addresses immediate adaptation needs but also contributes to the long-term health and sustainability of the coastal ecosystem.