



ITTO

INTERNATIONAL TROPICAL
TIMBER ORGANIZATION

ITTO's work on Blue Carbon in the tropics

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**[COP30] Accelerating CO₂ Absorption and Sequestration
Through Forests and Blue Carbon**

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MANGROVES — POWERFUL NATURE-BASED SOLUTIONS



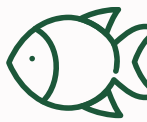
Climate Change Mitigation (Carbon Sequestration)



Coastal Protection and Disaster Risk Reduction



Coastal Stabilization



Habitat and Biodiversity Support



Water Quality Maintenance



Livelihood and Economic Benefits



Mangrove Restoration and Livelihoods in Fiji's Rewa Delta

Supported local communities in restoring mangroves. Fiji has the Pacific's third-largest mangrove area, vital for community resilience



ACHIEVEMENTS

- Actions: Established mangrove restoration sites; Nasilai women's group planted 5,000 seedlings.
- Outcomes: Empowered communities; improved decision-making on mangrove use; some banned harvesting mangroves; enhanced food security.
- Alternative Livelihoods: Introduced beehives, shrimp farming, fruit trees, and pig farms.
- Guidelines & Awareness: Developed mangrove management guidelines and raised awareness of their importance.
- Impact: Inclusive, sustainable mangrove management - benefits people, the economy, and the environment.

Rehabilitation and Sustainable Management of Sacred Forests on Ramsar Sites in Benin



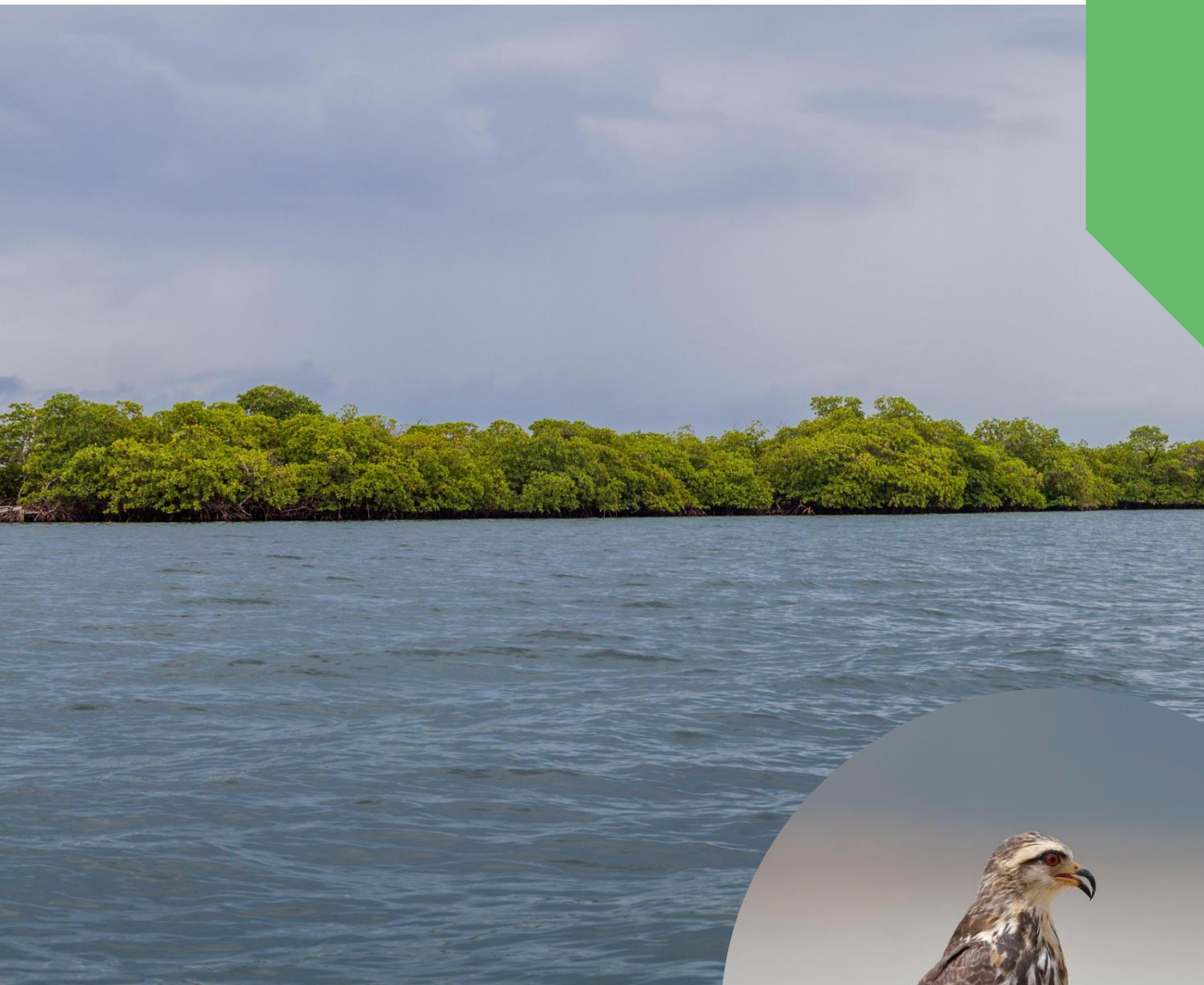
PROJECT FOCUS

- *Ramsar sites 1017 and 1018 in Benin contain sacred forests rich in biodiversity.*
- *Sacred forests hold biological, ecological, socio-cultural, and economic values*
- *Degradation threatens the ecosystem and local livelihoods*

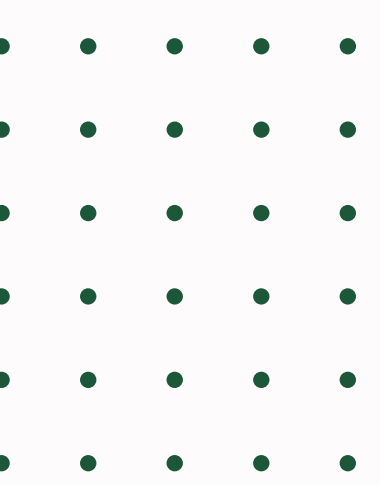
ACHIEVEMENTS

- *Sustainable utilization of 40 sacred forests.*
- *25% rise in income through income-generating activities.*
- *Enhance stakeholder capacity and improve local community livelihoods*
- *Integration of 40 sacred forests into the Municipal Protected Areas System.*

Conservation and reforestation of mangrove forest areas along the Pacific coast of Panama



- Collective conservation and sustainable management of 4,000 hectares of mangrove forests along the Panamanian Pacific Coast - implemented rehabilitation activities on 1,250 hectares of degraded lands.
- Mangrove-dependent communities trained- sustainable mangrove management and harvesting techniques.
- 1.3 million seedlings of mangrove and other multiple-use forest species produced by community nurseries
- 600 hectares of mangrove forests rehabilitated through enrichment planting and reforestation with mangrove species.
- 650 hectares of degraded forestlands allocated to agroforestry and reforestation with multiple-use forest species.



Climate Risk and Vulnerability Assessment in the Philippines



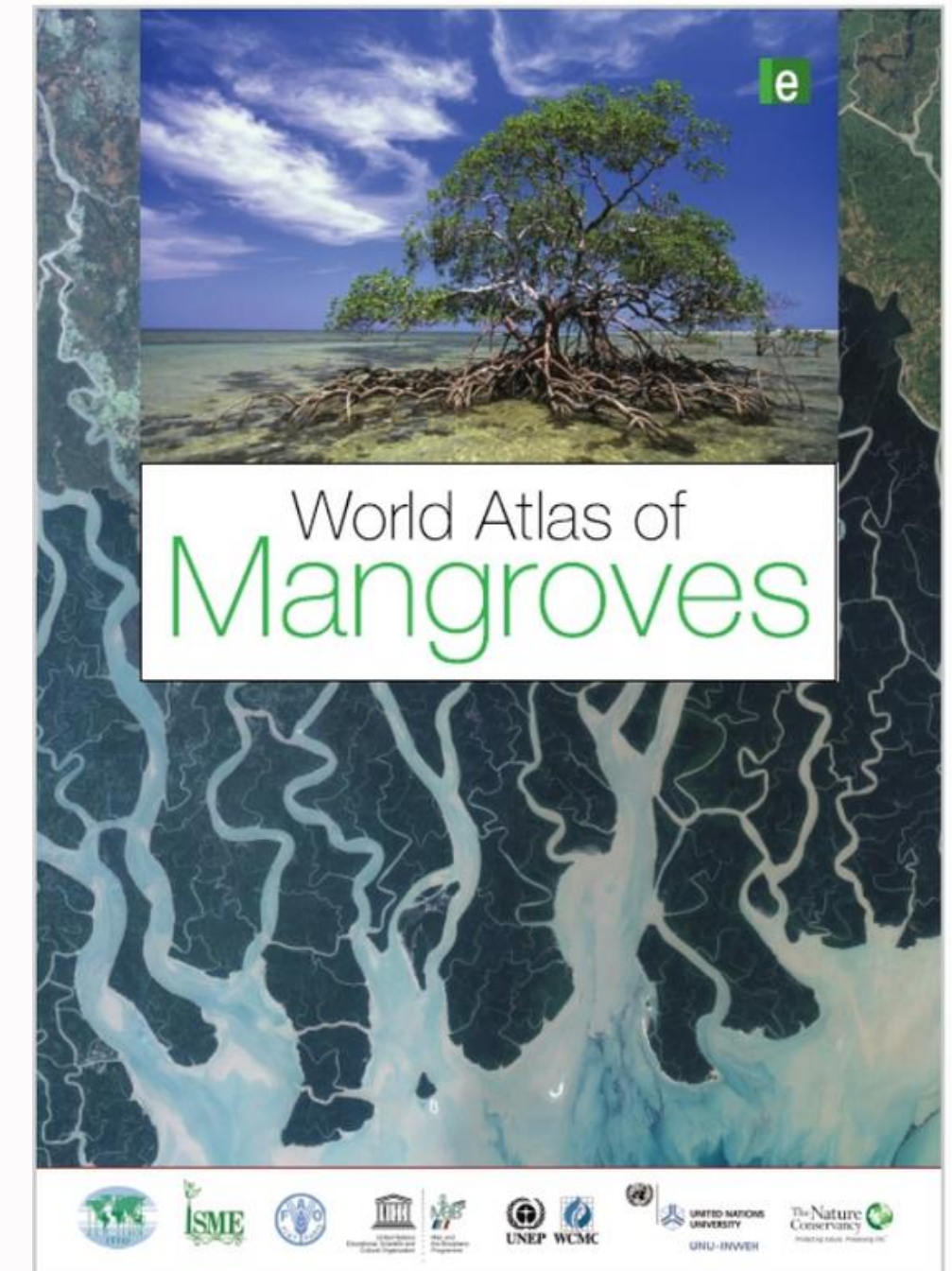
PROJECT FOCUS

- Support from Japan's Ministry of Foreign Affairs - , aimed to assess climate hazards and vulnerabilities across forest lands, guiding private investors toward climate-resilient forestry investments.
- The Philippines ranked among the most disaster-prone nations in the world - this initiative addresses the urgent need to protect both forest ecosystems and the investments tied to them.



KNOWLEDGE MOBILIZATION EFFORTS

- ITTO supported the production of World Atlas of Mangroves which provides the first truly global assessment of the state of the world's mangroves.
- Global Mangrove Database and Information System (GLOMIS) Implemented since 1997 - a global mangrove database - compile mangrove-related information - collected by four GLOMIS Regional Centres (Brazil, Fiji, Ghana and India) and disseminated worldwide from GLOMIS Headquarters (Okinawa, Japan).





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