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Federal Ministry for the
Environment, Nature Conservation,
Building and Nuclear Safety

Mekong WET: Building Resilience of Wetlands in the Lower Mekong Region through a Ramsar Regional Initiative

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Project Objective

- Implemented from 2016-2022 in 10 focal wetlands in Cambodia, Lao PDR, Thailand and Viet Nam

Establishment of an effective and replicable framework for delivery of Nature-based Solutions for adaptation and mitigation benefits from existing and planned Ramsar sites (wetlands of international importance) in the region, including through transboundary collaboration



Climate change vulnerability assessments for wetlands

- Developed a CCVA for wetlands to understand the impacts of climate change on key species, ecosystems and local livelihoods
- Mapped key habitats and resources with community and developed seasonal calendars
- Surveyed current and planned future climate change coping mechanisms




Wetland Village Vulnerability and Disaster Risk Assessment Tool Wetland Climate Hazard and Impact Worksheet (Exposure)


Use the list you made on the climate history form to complete this questions. Delete the types of events that are not relevant for your site. In the 'Impacts' column, note what impact this has had on the village.

Village name	0
Team members	0
Wetland name	0


Variable	Score	Definitions	Confidence	Impacts
1. Does your village experience drought?		1 - 1 in 10 years 2 - 1 in 5 years 3 - 1 in 3 years		What impacts were felt by the village?
2. Does your village experience flood?		1 - 1 in 10 years 2 - 1 in 5 years 3 - 1 in 3 years		
3. Does your village experience strong winds?		1 - 1 in 10 years 2 - 1 in 5 years 3 - 1 in 3 years		
4. Does your village experience extreme heat?		1 - 1 in 10 years 2 - 1 in 5 years 3 - 1 in 3 years		



A Methodology for Rapid Assessment of Climate Change Vulnerability and Adaptation Planning at Ramsar Sites



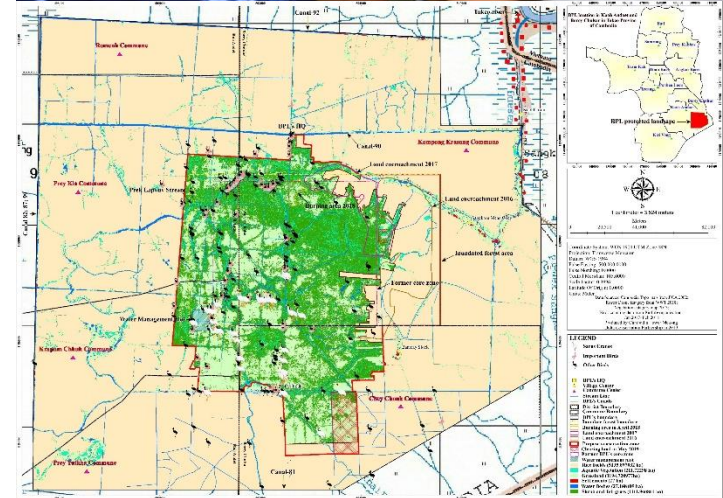
Building Resilience of Wetlands in the Lower Mekong Region





Climate change adaptation planning

- Used results of the CCVA to develop NbS for adaptation measures with community members and other stakeholders
- Conducted preliminary cost-benefit analysis for each measure and completed a priority ranking of options
- Integrated measures into site management plans with Ramsar/ protected area authorities for future implementation



Small grants to CSOs, universities and governments

- 17 small grants awarded to:
 - Implement NbS for adaptation measures identified in the adaptation planning process
 - Conduct CCVAs in Ramsar sites and other nationally-important wetlands in the focal countries plus Myanmar





Key Outcomes and next steps

- Established the Indo-Burma Ramsar Regional Initiative to provide regional policy coordination and oversee project implementation in all 4 countries plus Myanmar
 - IBRRI will continue to promote greater understanding and capacity building on wetlands for climate change adaptation
- Conducted trainings for 136 government staff and park rangers on the importance of wetlands for climate change adaptation with MWUN
- Mekong EbA South- Adaptation Fund Project (UNEP, IUCN, Thailand and Viet Nam)
 - Demonstration of climate change adaptation interventions, with a focus on drought and flood management.
 - Strengthening regional knowledge and cooperation on climate change adaptation in the Greater Mekong Subregion

