

# MALDIVES

AE: TBD



GREEN  
CLIMATE  
FUND

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PROGRAMMING  
CONFERENCE

Project title	Identification of Disaster-Prone Zones in Maldives Islands for Land Use and Adaptation Planning			
Result areas	Sector	Total financing, USD	GCF financing, USD	Financial instrument
Health, Food and Water Security	Public/Private	[type amount here]	20Million	Grant/Loan /Guarantee/Equity
<b>Description of specific climate change problem and how the project will address it</b>	<ul style="list-style-type: none"><li>• Fragile ecological profile, low elevation &amp; economic dependence on limited sectors makes Maldives highly vulnerable to natural disasters and extreme climatic events.</li><li>• Future climate projections indicate that extreme flooding events are likely to become more frequent in future.</li><li>• Swell and tidal waves also cause flooding, causing extensive damage to critical infrastructure, property, household goods and livelihoods, as well as saltwater intrusion to groundwater aquifer and coastal erosion.</li><li>• The objective of this project is to address the present data gaps and identify and rank the disaster-prone zones and propose adaption plan for the areas.</li></ul>			
<b>Alignment with key country priorities and stakeholders engaged</b>	NDC National Climate Change Policy Framework National Adaptation Plan of Action			

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Identification of Disaster-Prone Zones in Maldives Islands for Land Use and Adaptation Planning

## Activities

- Conduct surveys of all islands of Maldives which include surveys on land use, topography, biodiversity, bathymetry, tides, currents and aerial surveys.
- Make information accessible for all relevant stakeholders through internet-based publication of collected data.
- Establish research and development of hydrodynamic modelling facility at Maldives National University to facilitate informed decision making in design of shore protection measures.
- Establish training programme on land surveying at Maldives National University.

## Expected outcomes

- Enhanced capacity for planning and design of climate resilient infrastructure and adaptation measures.
- Enhanced capacity for coastal protection, coastal zone management and flood control

## Paradigm shift potential

- The proposed project will strengthen the evidence base of climate impacts on the Maldivian islands and facilitate a paradigm shift towards climate resilient development.