



## EU/UNEP/GOJ Adaptation to Climate Change & Disaster Risk Reduction (*Restoration of Coastal Ecosystems*)

<b>Project title</b>	Adaptation to Climate Change & Disaster Risk Reduction <i>(Restoration of Coastal Ecosystems)</i>
<b>Project Duration</b>	2010 – 2013 (30 Months)
<b>Project Implementers</b>	NEPA, Forestry Department, EMD-OPM, Fisheries Department, ,
<b>Project Coordinator</b>	Nichelle Oxford
<b>Project's Background</b>	Jamaica, like many small island developing states (SIDS), is highly vulnerable to climate change impacts. In general, the island is subject to the threat of tropical weather systems and faces direct threats from climate change because of its geographical location. Detailed climate modelling has not yet been possible for Jamaica, but preliminary research suggests that the region is likely to see increases in extreme weather events such as flood rains and droughts, and an increase in the intensity of hurricanes. Coastal areas in Jamaica are at the forefront of climate change impacts as they are directly affected by storm surges, physical development and sea level rise. With sea levels projected to rise by an average of 2 - 3mm per year during the first half of this century, the effects on the coastal areas will be severe, and include erosion and coastal land subsidence. Coastal areas are already affected by saline intrusion which is likely to be exacerbated by climate change. Pressure from a growing population and the consequent rising demand for groundwater will further reduce the availability of freshwater supplies for domestic and industrial purposes.
<b>Project objectives</b>	Increase resilience and reduce risks associated with natural hazards

	in vulnerable areas as adaptive measures to climate change, thereby contributing to the sustainable development of Jamaica.
<b>Expected benefits/Outcomes</b>	<ul style="list-style-type: none"> <li>* Rehabilitate and improve management of selected watersheds to reduce downstream run-off and associated pollution and health risks;</li> <li>* Restore and protect coastal ecosystems to enhance natural buffers and increase resilience;</li> <li>* Integrate climate change mitigation and adaptation into relevant national policies and plans, enhance institutional (human and technical) capacity and facilitate awareness building amongst Jamaica’s population to better adapt to climate change.</li> </ul>
<b>Project team</b>	<p>The Project Team will consist of the following individuals:</p> <ul style="list-style-type: none"> <li>• 1 - Project Coordinator (18 months)</li> <li>• 5 - Field Technicians ( 11 months)</li> <li>• 3 - Environmental Officers (13 months)</li> <li>• 1 – Business Specialist (12 months)</li> <li>• 1 - GIS Consultant (12 months)</li> </ul>
<b>Sponsor Sign Off Memorandum of Understanding between NEPA and PIOJ</b>	<p><b>Mr. Kirk Philips (Director General – PIOJ)</b></p> <p><b>Mr. Peter Knight (CEO – NEPA)</b></p>
<b>Proposed budget</b>	€4.13M