**Category: Obligations Relating to Transboundary Environmental Harm**

**Sub-Category: Climate Change**

**Name of Good Practice: Project on Reducing Climate Change Risks to Water Resources in Honduras**

Key Words: Climate Change, Participation, Vulnerable, Capacity Building, Training

Implementing Actors: National Ministry: Secretaria de Recursos Naturales y Ambiente (SERNA); Academic Institution: Faculty of Engineering, Universidad Nacional Autónoma de Honduras; Sub-National Government: Municipality of the Central District; International Organisation: United Nations Development Programme (UNDP)

Location: Honduras

Description: According to the UN Development Programme (UNDP), Honduras is one of the most vulnerable countries in Latin America to climate change, with its water resources particularly at risk. Moreover, population growth has led to the increased habitation of low-income populations in areas prone to increased landslides and flooding from climate change-related weather events. This project, funded by UNDP, seeks to increase resilience to climate change water-related risks in the most vulnerable populations in Honduras. The project, which focuses on Tegucigalpa City and its surrounding areas, began in 2013 and is scheduled to be completed in 2015. The project has three main components or areas of work.

The first component seeks to integrate climate change risks into water resource laws and plans, while increasing capacities of government regulators to implement the amended laws. The second component pilots adaptation measures to safeguard the water supply to Tegucigalpa in 14 vulnerable areas. For example, in November 2014, the project retrofitted 38 houses to collect rainwater, which is diverted to a 63,000 litre tank at a public school that services 500 students. This initiative reduced water infiltration into the soil to minimise the risk for landslides, while providing a much needed secondary source of drinking water for school children. The third component of the project seeks to train decision makers and the public to understand the projected impacts of climate change and identify effective options for reducing climatic risks and vulnerability. For example, the project maintains an up-to-date website and monthly bulletin with information relating to all the initiatives the project has implemented. In November 2014, the Honduras Secretaria de Recursos Naturales y Ambiente (SERNA) organised a regional symposium on climate change, where professionals working on climate change adaptation projects were invited to exchange information and experiences.

Further Information**:** The project’s website: <https://acchonduras.wordpress.com/>.