

Coastal Embankment Improvement Project - Phase I (CEIP-I)

2013 - PRESENT

World Bank
Bangladesh Water Development Board
Ministry of Water Resources, Bangladesh
Bangladesh

NATURE BASED SOLUTIONS

forests, rivers & floodplains, mangroves

The objectives of the project implemented by the Government of Bangladesh are to: (a) increase the area protected in selected polders from tidal flooding and frequent storm surges; (b) improve agricultural production by reducing saline water intrusion; and (c) improve the Government's capacity to respond promptly and effectively to crisis or emergency. These objectives will be achieved by strengthening and upgrading embankments as part of an integrated approach to improve the polder system in the coastal area. This will include the use of afforestation, particularly on the foreshore (coastal and riverbank). The improvement are expected to enhance resilience of the coastal area to cyclones, tidal and flood inundations, and salinity intrusion, in turn resulting in improved livelihoods along the coastal zone, and reduced loss of life, assets, crops and livestock in the event of a disaster.

LEARN MORE

<http://projects.worldbank.org/P128276/coastal-embankment-improvement-project-phase-1ceip-1?lang=en>

INTERVENTION

Hybrid

HAZARD

river flooding
coastal flooding

SCALE

Regional

RISK REDUCTION BENEFITS

coastal energy management, erosion control and slope stabilization, redirection & drainage of flood & storm water, slope stabilization, soil composition maintained, other, reduced loss of transport infrastructure, reduced loss of water infrastructure, reduced loss of urban infrastructure, reduced loss of life

DONORS

World Bank

EST. MONETARY COST

(TODAY'S US\$)

5

EST MONETARY BENEFITS

Unknown
