Integrated Coastal Zone Management for
Protecting Coastal Erosion and
Biodiversity Enhancement

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Reforestation at Huay Sai Royal Development Study Center
Coastal erosion in front of Mrigadayavan Palace
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Plantation in compact at Huay Sai Royal Development Study Center
Check dam for water catchment
Mangrove Planting
Beach forest Planting
Coastal Erosion management

Offshore Breakwater, Groin and Jetty
The length of each stone offshore breakwater along the coast of Sirindhorn International Environmental Park is 125 m., 100 m. interval and far from the sea coast of 200 metres.
Offshore Breakwater

Their function are release the wave energy and decrease the wave velocity and trap the sand sediment.
Its characteristic is stone line construction of 80 m. length perpendicular to coastal line. There are 8 groin with 150 m. interval. There function is prevent long shore current and sand sediment trap.
Groin in The Sirindhorn International Environmental Park
Jetty

Jetty is designed to prevent sand bar earning river mount. It is artificial waterway which seawater can intrude to river.
Jetty in The Sirindhorn International Environmental Park
Before 14 February 2005

After 11 January 2008
Erosion at Coastal area of BangTra-Yai canal
Erosion at Coastal area of BangTra-Yai canal
Coastal erosion learning in Sirindhorn International Environmental Park.