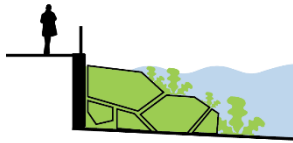


Measures Explorer

FLOOD MEASURES:

Ecological Infrastructure



Ecological Shorelines

DESCRIPTION:

Ecological shorelines include strategies to enhance shoreline structures, such as stepped slopes, vegetated revetments, vegetated crib walls, textured concrete, natural fiber blankets, gabion baskets, and underwater stairs. These features can integrate with vertical walls and slopes (Seawalls and Levees) at the shoreline, and serve to provide substrate for habitat development. They are often planted or seeded with suitable vegetation, depending on environmental conditions.

WATER LEVEL RANGE:

Varies

SHORELINE LOCATION:



Varies

DESIGN LIFE

Varies

ADAPTABILITY

Varies

IMPACT ON THE WATERFRONT

Varies

CONSTRUCTION COST

TBD

COASTAL FLOOD IMPACTS MITIGATED:

Sea Level Rise



Storm Surge



Groundwater



Waves



Erosion



Types of Ecological Shorelines:



Stepped Slopes



Vegetated Revetments



Vegetated Crib Walls



Natural Fiber Blankets



Gabion Baskets