

Measures Explorer

FLOOD MEASURES:

Ecological Infrastructure



Ecological Marine Structures

DESCRIPTION:

Ecological marine structures refer to enhancements to existing or new structures that facilitate the development of marine habitat. These features augment the amount of light and/or habitat area and quality within the tidal range.

WATER LEVEL RANGE:

Intertidal to subtidal

SHORELINE LOCATION:



Varies

DESIGN LIFE

Varies

ADAPTABILITY

Medium

IMPACT ON THE WATERFRONT

Varies

CONSTRUCTION COST

TBD

COASTAL FLOOD IMPACTS MITIGATED:

Sea Level Rise



Storm Surge



Groundwater



Waves



Erosion



Types of Ecological Shorelines:



Ecological Concrete Structure



Increase Light Below Deck