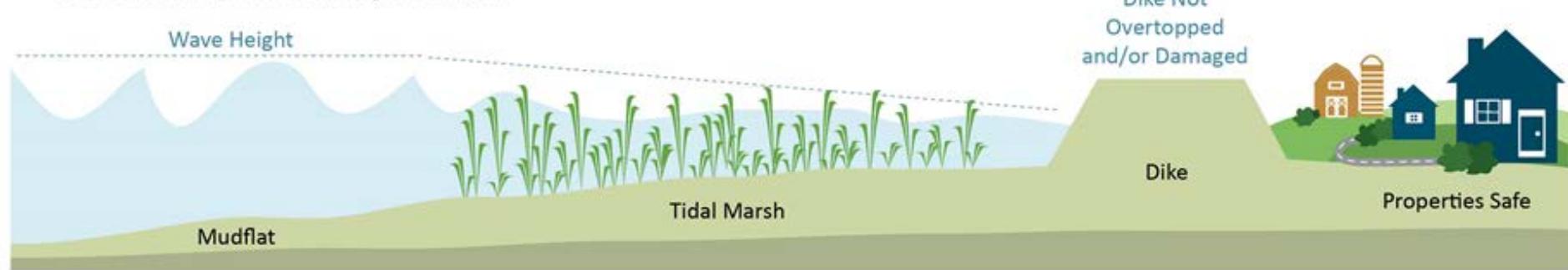




The Coastal Defense Tool

Wave attenuation with a healthy tidal marsh.



Wave attenuation with a degraded tidal marsh.





Simplifying Complex Models

Coastal Defense

Waves / Winds

Define waves using wave height (m) and period (s)

OR

Model waves by defining a wind condition.

Wind Condition: Maximum

Waves/Winds	Water Level/Surge	Habitat	Structures
<input type="radio"/> Wave Height/Period <input checked="" type="radio"/> Wind Condition	Water Level: Mean Higher High Water	Marsh: <input checked="" type="checkbox"/>	Dikes: <input checked="" type="checkbox"/>
Storm Surge: High	Shore Edge (m): 332	Sea Edge (m): 280	Slope: 0.25
	Density: Medium		Height (m): 2

* Use the green sliders to change the marsh extent for the future scenario *

— Profile Elevation
■ Current Marsh Extent
— Dike Position

Run Scenario
Select New Profile
UpdateMap

Topographic

Game Farm Rd

Skagitt Bay

Dikes

—

Marsh

■

Profile Locations

●



Changing Perceptions

