

Nearshore Process	Process Degradation Assessment											
	Key Ecological Attribute	Applicable Shoreforms	Metric	Armor	Tidal Barriers	Breakwaters/ Jetties	Roads	Marinas	Overwater Structures	Groins	Boat Ramp	Impervious Surfaces
Coastal Sediment Dynamics	KEA 1	Embayment – Estuaries Embayment – Lagoons	% length with stressors	✓	✓		✓	✓	✓		✓	
		Barrier Beaches Pocket Beaches Transport Zones	% length with stressors	✓	✓	✓	✓	✓	✓	✓	✓	
		All Feeder Bluff Categories	% length with stressors	✓	✓	✓	✓	✓	✓	✓	✓	
Wind and Waves	KEA 2	Rocky Shoreline	% length with stressors	✓		✓		✓	✓			
		All shoreform, except Rocky Shorelines	% length with stressors	✓		✓	✓	✓	✓	✓	✓	
Freshwater Hydrology	KEA 9	Shoreforms with streams flowing through to shoreline	Percent of Watershed Area with 10% or more impervious surfaces	█	█	█	█	█	█	█	█	✓
Tidal Hydrology	KEA 5	Embayment – Estuaries Embayment – Lagoons Barrier Beaches	% length with stressors	✓	✓							
	KEA 6	Pocket Beaches All Feeder Bluff Categories Transport Zones	% length with stressors	✓	✓							
Tidal Channel Formation & Maintenance	KEA 12	Shoreforms with streams flowing through to shoreline	% length with stressors	✓	✓							
Detritus potential	Kea 13	Embayments-estuary Embayment-lagoon	Vegetation Coverage									
		All other shoreforms except rocky	Overhanging Vegetation									
Solar Radiation	KEA 14	All shoreforms	Aquatic area shaded by OWS					✓	✓			