



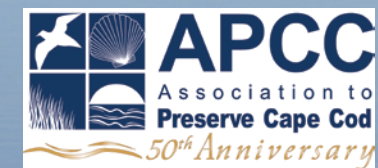
# Our Coastal Resources

## Where the land meets the sea

June 2018

Kristin Andres, Director of Education & Outreach

Association to Preserve Cape Cod







Water, sand, plants, creatures...



# Coastal Banks



- Protection from storms
- Sustain our beaches with sand





Wildlife Habitat





# Beaches, Dunes, Barrier Beaches



- Protection against storms and flooding
- Recreational enjoyment
- Economic value



# Beaches, Dunes, Barrier Beaches



- Protection against storms and flooding
- Recreational enjoyment
- Economic value



# Beaches, Dunes, Barrier Beaches



- Protection against storms and flooding
- Recreational enjoyment
- Economic value



# Wildlife Habitat



©Teri Franzen  
TeriFranzenPhotography.com



# Tidal Flats



- Reduce wave energy
- Shellfish & other invertebrate habitat
- Economic & recreational value













# Salt Marsh

Highly Productive  
Ecosystem

Storm damage  
prevention & flood  
control

Protector of Water  
Quality - “Kidneys”

Carbon Sink















# Threats to Salt Marsh

- 
- Direct Loss from Development
  - Direct Loss from Agriculture
  - Human Use of the Shoreline
  - Hardening of the Shoreline
  - Pollution (count the ways)
  - Invasive Species
  - Erosion
  - Natural Dynamics of the Coast



# Sea Level Rise

Salt Marsh Migration







Association to Preserve Cape Cod

# 2015 Inventory of Salt Marshes on Cape Cod with the Best Migration Potential







Impediments to salt  
marsh migration













Questions?

