

Communication, Communication, Communication



Rebecca Roth

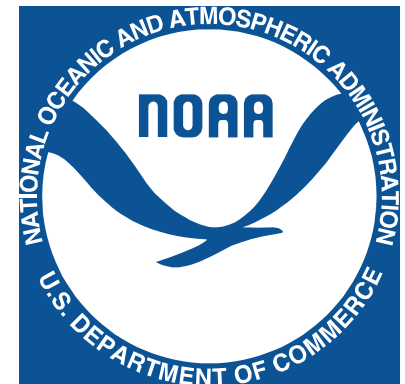
National Estuarine Research Reserve Association

NERRA

National Estuarine
Research Reserve
ASSOCIATION



NATIONAL
ESTUARINE
RESEARCH
RESERVE
SYSTEM





That shining moment when
you graduate from
the kids table to the
adult table on
Thanksgiving!



Blue Ribbon Panel RECOMMENDATION:

Improve communications and branding
in order to position NERRS as a
leader in the field.

Estuary and Coastal Management Communication Challenges



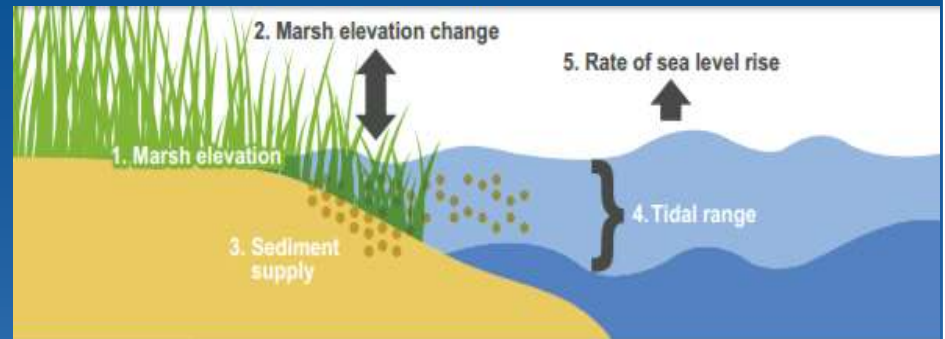


Evergreen Statements about NERRS









CATEGORIES OF MARSH RESILIENCE TO SEA LEVEL RISE

- 1. Marsh elevation:** Are the plants located at the high end of their tolerance to flooding so they are initially protected from inundation by rising seas?
- 2. Change in elevation:** Is the marsh rising fast enough to keep pace with rising seas?
- 3. Sediment supply:** Is there sufficient sediment to help build up the marsh?
- 4. Tidal range:** Does the tidal range allow marsh plants to occupy a broad range of elevations so they are buffered against the effects of sea level rise?
- 5. Rate of sea level rise:** Is the marsh more resilient because has not yet been exposed to rapid local sea level rise or water levels?

How will tidal marshes fare in the face of sea level rise? A look at 16 marshes in the National Estuarine Research Reserve System indicates they face challenges.

	US State	Marsh Name and National Estuarine Research Reserve	CATEGORIES OF MARSH RESILIENCE TO SEA LEVEL RISE					Overall Resilient
			Marsh Elevation	Elevation Change	Sediment Supply	Tidal Range	Sea Level Rise	
EAST COAST	NH	Great Bay Discovery Center, Great Bay	Green	Green	Yellow	Green	Green	Green
	MA	Sage Lot Pond, Waquoit Bay	Yellow	Red	Red	Red	Red	Red
	RI	Nag West, Narragansett Bay	Yellow	Green	Green	Yellow	Red	Green
	NY	Outer Tivoli North, Hudson River	Yellow	Green	Green	Yellow	Red	Green
	DE	St. Jones Reserve, Delaware	Yellow	Green	Green	Yellow	Red	Green
	MD	Jug Bay, Chesapeake Bay	Yellow	Red	Green	Yellow	Red	Yellow
	VA	Goodwin Island Reserve, Chesapeake Bay	Yellow	Green	Yellow	Yellow	Red	Green
	NC	Masonboro Island, North Carolina	Yellow	Red	Red	Yellow	Yellow	Yellow
	SC	Crabhaul Creek, NH-WB	Yellow	Red	Red	Yellow	Yellow	Yellow
	SC	Big Bay Creek, ACE Basin	Yellow	Red	Red	Yellow	Yellow	Yellow
GULF	MS	Grand Bay, Grand Bay	Yellow	Green	Red	Red	Yellow	Yellow
WEST COAST	WA	Sullivan Minor, Padilla Bay	Red	White	Red	Green	Green	Green
	OR	Hidden Creek, South Slough	Yellow	Red	Red	Green	Green	Green
	CA	China Camp State Park, San Francisco Bay	Yellow	Yellow	Red	Yellow	Yellow	Yellow
	CA	Upper Slough Marshes, Elkhorn Slough	Yellow	Red	Red	Yellow	Yellow	Yellow
	CA	Oneonta Slough, Tijuana River	Yellow	Green	Red	Yellow	Yellow	Yellow



NATIONAL ESTUARIES WEEK





i  **estuaries**



NATIONAL
ESTUARIES
WEEK

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Do you know about ...

- Marsh resilience to sea-level rise at broad geographic scales national study
- Partnership work in Digital Coast
- Teachers on the Estuary
- Blue Carbon (*Bringing Wetlands to Market*)
- CCVATCH (*Climate Change Vulnerability Assessment Tool for Coastal Habitats*)
- Estuaries and Coasts Journal for CERF

How Do You Get Information??



roth@nerra.org

Erica.Seiden@noaa.gov

