Project Ideas

Put your big ideas regardless of "ripeness"

Restoration

Ideas that could include both

Marsh migration facilitation at Coggeshall marsh, T-Wharf, other locations on Prudence Is. within **NBNERR**

TLD at 100 Acre Cove or other action? Need to be wary of terrapin and sediment quality But marshes are disappearing. :((SCA)

Jacob's Point. Palmer River sites(SCA)

> RI Priority sites for marsh restoration for SALS (SCA)

Blue carbon implications of different restoration actions.

Rosa Larisa Park/Narr. Terrace, expanding upon the prior NOAA Pilot Project and address the fallen concrete

Survey of marsh

the tidal frame

management

actions/climate

sites for different

Sediment placement

dredging in 2024-25 at

Cove/Watchemoket

Cove; possibly a CZM

using ACOE dredge

Providence River

material from

Stillhouse

to inform

actions.

elevations relative to

throughout Narr Bay

adaptation, and help

with prioritization of

Revisit the Gallilee

not being currently

Repair/redesign tide

restoration if it is

monitored.

gate if needed.

nyarology from past agricultural and ditching impacts through the use of runnels: sites statewide and in the Taunton River watershed: Palmer River, Hundred Acre Cove, Calf Pasture

Point, Narrow River.

Fogland, salt ponds

Mill Cove/Bush Hill saltmarsh in Wickford, LCNK recently put in a new bridge over the creek leading into the marsh. Creek could be further opened up and stabilzed. Phrag might be dealt with also, WJB

Removal of Bristol County Water Authority pipeline from Palmer River marsh in Swansea/Warren

Sediment addition at one or more marshes not close to dredge using land-based sediments.

migration by

impediments to

berms etc. Sites

River, Sapowet

migration including

stone wall structures,

include Round Marsh.

Palmer River, Narrow

Expand on work

lands - Succotash,

include post

monitoring of

inform future

restoration

restoration

happening on RIDEM

Seapowet, Galilee and

vegetation, SALS and

other metrics to help

removing

TLP on the outer edges of select V marshes to support | SALS nesting. Succotash West is a good candidate

Marsh Migration Parks: ID places to acquire and modify land to optimize and showcase marsh migration, while providing coastal open space. "Marsh Migration Park* branding would be advertised.

> expand existing preserve at Fogland owned by TNC & DEM by adding perimeter land. restoring this, and providing for public access

> > Jason Parent and I (Mike B) thought that using some of his new geospatial tools (ground and airborne Lidar systems) on a couple of important salt marsh sites for modeling and migration potential.

Barriers to marsh migration corridors in watershed, for example, residences, industry, hazardous sites.

> **Taunton River** land protection: Dighton, → Berkeley and Freetown

Taunton River land protection:

Dighton, Berkley, Free

Acquisition focus on the Palmer River including land protection in Warren, Swansea and Rehoboth and Sapowet marsh where there is undeveloped uplands that are suitable for migration

Aquisition

experiment with sediment placement in 'islands or hummocks' to build SALS nesting within marsh and evaluate efficacy - at sites where appropriate need design discuss

Island creation or nourishment to support beach nesting shorebirds or colonial waterbirds

^Da grant program (\$

held by NBNERR

and/or CRMC) to

al.) wanting to

preserve marsh

funds for

provide acquisition

municipalities (et V

migration corridors

Like land

trusts?

to develop or convert properties in the coastal margin - capacity

of outright acquisition and protection, seek to identify ways to decrease pressure

Data Management and Analysis

monitoring at regiona

As per other note on historical marsh data for Narragansett Bay. we also have historic marsh data and trajectories for the ~40 embayments in the MassBays NEP Provincetown to the NH border). Giancarlo,

Project Ideas

Capacity Building Needs

Partner with MRP and MVP programs to ID projects (planning through implementation and monitoring)

How should we use OCM capacity building funds (potentially up to \$250K / ye

proposal development shor-term and long-term.

Work on policies / advocacy related to shoreline protection to limit and/or restrict hardened shorelines in important resource areas

Create positions that could support RAMP framework

Greenhouse gas monitoring of restoration sites (ex. sediment enhancement) to inform implications on carbon sequestration, blue carbon, etc.

continue monitoring at sediment placement sites already carried out (Quonnie, Ninigret, Narrow R.)

Capacity: Project manager(s) (SCA)

Capacity: Monitoring team to cover multiple sites (SCA) +1

> Funding for stakeholder stipends (particularly important in EJ communities)

Capacity:

positions

RAMP

(SCA)

Base funding

for strategic

Think bigger: Seed and initiate long-term capacity to monitor, assess, and restore salt marshes and other coastal features. i.e. fund an office of ecological restoration for a few years and let them try to take it away when funds run

Assist with project identification. stakeholder involvement/commun ity support, project facilitation, grant writing

> Funding for existing or new positions that focus on stakeholder engagement and facilitating multi-stakeholder processes to move land acquisition. restoration projects, etc. forward

Implement and train on the Salt Marsh **Coastal Parcel Planning Tool** (From Mike B)

> funding for existing/new positions to provide marsh migration-focused technical assistance to the land use planning community (how to incorporate marsh migration in planning, comp plans)

New England coordinator of salt marsh restoration

FWS regional office just advertised for a restoration.

connectivity and salt marshes to operate at 40,000 ft level.

Assist with

to support

grants

initial project

development

future CEHRTF

Funding for project assistance (hire someone to help towns write the grants, implement, project manage)?

Capacity: Pot'l

contribution to

SMARTeams base

funding for select

positions (SCA)

For CZM funding, project 1/ management for large-scale restoration projects i.e. sediment placement associated with ACOE dredging

Planning / Tech Ideas

Jason Parent and I (Mike B) thought that using some of his new geospatial tools (ground and airborne Lidar systems) on a couple of important salt marsh sites for modeling and migration potential.

Tech assistance: assist with RTK assessment/water level monitoring

Development of a marsh migration information repository and/or match making service for modelers/mappers to work with end users on needed/refined marsh modeling products

Projects for Other Funding Sources?

NFWF Coastal Resilience

NOAA NMFS

EPA SRF Water Quality

NBEP

Possibly RI Infrastructure Bank through the MRP Action Grant MA too...

NRCS WRE program for land acquisition of migration corridor and if easement secured, funds also available for restoration NBEP: Receiving >\$1m between our regular CWA money and IIJA \$\$; Need to get precise amount and discuss with Steering Committee; Most likely fund more planning projects

NAWCA

match required, no monitoring funding

USFWS - Coastal Wetland Grants -for land protection -State is applicant



USFWS Fisheries
Program - got some
xtra infrastructure
funds for fish
passage - if
saltmarsh projects
have herring runs would be eligible

USFWS Coastal Program

Our favorite: CRMC Habitat Restoration Trust Fund! and Ocean State Climate Adaptation Resilience fund

USFWS Partners Program

Salt Marsh Workshop Ideas

Audience

salt marsh researchers, practitioners, conservation groups Salt marsh restoration practitioners, resource agencies from RI and MA

permit agencies and funding organizations

Salt marsh practitioners

Get coastal communities, community leaders and educators involved at some level Permitting agencies: CRMC, RIDEM Water Quality Cert, ACOE, and ACOE federal partners, NMFS

potentially have some portion targeting policy makers that influence coastal zone management?

Objectives

Share ideas, data, visions for the future (tech transfer) Workshop streamlining the restoration permitting process

Solidify collaboration between RI/MA and beyond (through SMARTeams)

Information sharing between MA DER, RI RAMP

Topic Ideas

Salt marsh ecology 101 mini webinars or tutorials

Saltmarsh
restoration best
practices / project
examples with a
deeper dive /
collaboration &
discussion around
best practices

Focus: how do we get projects on the ground from today (year 1) through year 10 (with or without an "official" agency)? From year 10-20?

Share current

information on

solutions; discuss

what's next; build

off work from 2014

and 2018 workshops

restoration

monitoring data and

Site visits or virtual tours

Social at The Guild Brewery on the Warren Waterfront (99 Water St)??

Field tour of the Burnes Property WRE easement freshwater wetlands, drainage ditches, marsh. Or Jacobs. Climate adaptation what are the choices and when do you do which ones?

sediment placement lessons learned for RI SMARTeams: regional, multi-disciplinary support for salt marsh restoration projects of all types. (SCA)

Farmers in the marsh: the importance of lega cy agricultural alterations on current marsh expression (SCA)

Discuss creation of a RI office of habitat restoration

increasing state agency capacity for restoration

BIKE RACK

Workshop audience: interested agency representatives or municipalities Workshop objective: Create connections with others integral to sustaining salt marshes (such as municipalities, other agencies, permit agencies, funding agencies)

As much as possible, let's try to address water quality and flooding (stormwater management) issues in proposed projects

NOTE: NBEP has a planning for equity tool for the watershed, so we can see if a project is in an EJ area, or can have conversations about restoration projects and EJ areas