

<b>Interpretation</b>	<b>Source</b>	<b>Description</b>	<b>Research</b>	<b>NASIS Need</b>	<b>Notes</b>
SAV Restoration	DE (1 <sup>st</sup> wkshp)	Major costs associated with SAV restoration.	URI (Bradley, Salisbury, Chrissy) UFL (Rex)	Need list of properties for SAV	
Crab Habitat	DE (1 <sup>st</sup> wkshp)				Input needed
Clam Stocking	DE (1 <sup>st</sup> wkshp)				Input needed
Management for Sustainable Production - Shellfish	DE (1 <sup>st</sup> wkshp)	Interps for aquaculture	URI (Salisbury)		
Oyster/Scallop Restoration	RI MapCoast	Major costs associated with shellfish restoration – see RI NRCS EQUIP contracts	(URI (Salisbury))	n-value, surface texture, surface fragments	Maps used in RI by NOAA and NRCS for locating bottom type – hard needed for oysters/scallop. Need to obtain talk at RAE Conference 2008.
Nutrient reduction	DE (1 <sup>st</sup> wkshp)				
Benthic Preservation Site Identification	DE (1 <sup>st</sup> wkshp)				
Wildlife management	DE (1 <sup>st</sup> wkshp)				
Critical Habitats for Wading Shore Birds	DE (1 <sup>st</sup> wkshp)				
Nurseries and Spawning areas	DE (1 <sup>st</sup> wkshp)				
Habitat Protection for Horseshoe Crabs	DE (1 <sup>st</sup> wkshp)				
Dredging Island Creation	DE (1 <sup>st</sup> wkshp)				
Tidal Marsh Protection and Creation	DE (1 <sup>st</sup> wkshp)				
Bathymetric Map	DE (1 <sup>st</sup> wkshp)	Needed data set for SAS mapping. Need to partner with NOAA.	URI (Bradley), UMD (Marty)	Not needed, spatial data collected	Number 1 data need from RI user conference.
Navigational Channel Creation/ Maintenance	DE (1 <sup>st</sup> wkshp)	Major money spent on dredging navigation			Part of the soil mapping to locate

		channels			anthropogenic channels, need units based on texture.
Effects of Dredging on Benthic Ecology	DE (1 <sup>st</sup> wkshp)				
Off Site Disposal of Dredge Spoil	DE (1 <sup>st</sup> wkshp)				Combined with one below
Acid-Sulfate Weathering Hazards	DE (1 <sup>st</sup> wkshp)	Hazards associated with dredge disposal	URI (Salisbury)	Incubation pH, texture	Also need to map these historic disposal sites on soil survey.
Accretion rates	RI MapCoast				Amount of sedimentation in an area. Obtained from core.
Heavy Metals / Health Issues (pathogens)	RI MapCoast	Geochemistry and biologic constituents of the soils	URI (Dyer – ecoli, URI-GSO data)	Lab data from university, XRF data.	
Freshwater Inputs	RI MapCoast	Freshwater inputs entering an estuary can be identified by temperature, conductivity and cores (aeric or bright colors)			
Archeological – prehistoric landscapes	RI MapCoast		URI (Boothroyd student)	Depth to Pleistocene contact.	Investigations have been done for Cape Wind project. Side-scan and sub-bottom needed.
Dune maintenance/Replenishment	DE (1 <sup>st</sup> wkshp)				Coastal soil mapping, source of sand from dredge projects

Baseline Data – chemical, spatial, habitat	RI MapCoast		Ongoing collection of core data.	Lab analysis and reports in SDM.	This is the chemical and physical properties tables in a soil survey – base line data prior to an event (oil spill, storm, etc.)
Classification of the soils	RI MapCoast			Wass added to taxonomic placement	
Coastal soils information	RI MapCoast			Standard interps for hydric, septic, etc.	Older surveys and surveys that did not map intertidal (mud and sand flats) and anthropogenic soils need updating.
Phosphorus	VT. NRCS				
Invasive Species	RI MapCoast	Numerous requests for soils information in fresh water ponds for invasive control	RI NRCS – ponds	Herbicide movement, etc.	
Peat thickness / volume	RI MapCoast				Carbon sinks, potential fuel source.
Energy (offshore wind)	RI MapCoast				