



Cape Cod National Seashore Active Permits 2015

Project Title	Partner
Salt Marsh Monitoring at Eagle Neck Creek	Association to Preserve Cape Cod
Cape Cod National Seashore Marsh Bird/Northern Harrier monitoring of Herring River Restoration, Wellfleet, Mass.	Biodiversity Consulting, LLC
Long-term Monitoring to Detect Fall-migrating Eskimo Curlews	Bird Conservation Research, Inc.
USGS Ground Water Level Monitoring Network	Cape Cod Commission
Blowout dynamics at Cape Cod	East Carolina University
Population-level consequences of Bromus tectorum invasion for dune plant communities on Cape Cod	Environmental Studies Program
Estimate the Spring River Herring Run, the Herring River, Wellfleet	Friends of Herring River
EarthScope/USArray Transportable Array Seismic Station - L65A (Truro Housing Area)	Incorporated Research Institutions for Seismology
Odonata Monitoring	Kenneth Shea
Whip-poor-Will Status in Massachusetts	Massachusetts Natural Heritage and Endangered Species Program
Hawk watch/count at Pilgrim Heights, Truro	Massachusetts Audubon Society
Horseshoe Crab Spawning Surveys, Mark-Recapture, and Sonic Telemetry on the Outer Cape	Massachusetts Audubon Society
Long-term Temporal and Geographic Variation in Staging Site Use by Endangered Roseate Terns	Massachusetts Audubon Society
ENVIRONMENTAL MONITORING FOR MERCURY IN MASSACHUSETTS	Massachusetts Dept. of Environmental Protection
Wellfleet Harbor Juvenile Horseshoe Crab Survey	Massachusetts Division of Marine Fisheries
Ecology of harbor seals and gray seals in southern New England waters	National Marine Fisheries Service
The New England Plant Conservation Program	New England Wild Flower Society
Installation and operation of a Vessel Automatic Identification System (AIS) Receiver Station at the Cape Cod National Seashore Province Lands Visitor Center	NOAA / Stellwagen Bank National Marine Sanctuary
Herring River Restoration Project - Box Turtle Surveys and State (MESA) Permitting Compliance Services to Friends of Herring River	Oxbow Associates, Inc.
Coastal Instability and Cross Shore Sediment Movement – The Fate of Coastal Access and Facilities in the Face of Changing Sea Levels	Provincetown Center for Coastal Studies
Understanding how climate change, sea level rise, storm events and anthropogenic alterations impact park resources and infrastructure through the study of coastal processes in Cape Cod National Seashore	Provincetown Center for Coastal Studies
Assessment of bat populations and white-nosed syndrome at Cape Cod National Seashore and Fire Island National Seashore	SUNY College of Environmental Science and Forestry
Cape Cod Lepidoptera Population Monitoring	Tea Kesting-Handly
Determining Red Knot wintering, breeding and migration areas.	U.S. Fish and Wildlife Service
Shorebird Research on Cape Cod with an Emphasis on Studying Red Knot Ecology	U.S. Fish and Wildlife Service
Threatened - Northeastern Beach Tiger Beetle (NBTB) (Cicindela dorsalis dorsalis)	U.S. Fish and Wildlife Service
Mitigating the Effects of Chronic Atmospheric Nitrogen Deposition on Cape	University of Central Florida



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Cod Heathland Communities	
Niche Ecology of Tidal Marsh Sparrows	University of Maine
The Saltmarsh Habitat and Avian Research Program (SHARP): Resilience of the Tidal Marsh Bird Community to Hurricane Sandy and Assessment of Restoration Efforts (Real Time Kinematic [RTK] marsh topographic mapping)	University of Maine
CODAR Surface Ocean Current Measurements for Science, Applications, and Education	University of Massachusetts
Natural Insect and Fungal Populations in Wild Cranberry Sites	University of Massachusetts
2015 Amendments to: Migratory delay, predation, and fish passage success of anadromous river herring in the Herring River Estuary of the Cape Cod National Seashore	University of Massachusetts Amherst
Migratory delay, predation, and fish passage success of anadromous river herring in the Herring River Estuary of the Cape Cod National Seashore	University of Massachusetts Amherst
Salt marsh restorations: a structured experiment for learning and teaching about salt marshes, microbial diversity, and ecosystem function	University of Massachusetts Boston
Test-transplanting genetically differentiated eelgrass populations to identify those most suitable for future restorations on Cape Cod National Seashore	University of New Hampshire
Northern Research Station Forest Inventory and Analysis, United States Forest Service.	US Forest Service, Northern Research Station
Long-term Temporal and Geographic Variation in Staging Site Use by Endangered Roseate Terns	USGS Patuxent Wildlife Research Center
NPS NORTHEAST COASTAL AND BARRIER NETWORK VITAL SIGNS MONITORING: PHASED IMPLEMENTATION OF THE ESTUARINE MONITORING PROTOCOL	USGS Patuxent Wildlife Research Center
Water-quality, the controlling factor on the herring run, aquaculture, and blue carbon at the Herring River salt-marsh restoration, Cape Cod National Seashore	USGS Water Resources Division
Evaluating Salt Marsh Ecosystem Restoration: Quantifying Soil Carbon Accumulation and Greenhouse Gas Emissions	USGS Woods Hole Coastal and Marine Science Center
Assessing the behavioral and demographic effects of human activities and other natural events on Roseate Tern adult parents and hatch-years during the pre-migratory staging period at Cape Cod National Seashore, Massachusetts	Virginia Tech
Conservation of Diamondback Terrapins in Wellfleet Harbor	Wheaton College
Odonata Research	Wisconsin Department of Natural Resources - Endangered Resources
Biological and physical controls of Alexandrium bloom initiation and termination	Woods Hole Oceanographic Institution
Reconstructing Holocene temperatures for the northeastern United States using a novel paleoclimate archive from living and subfossil Atlantic white cedar	Woods Hole Oceanographic Institution