**Summary Status of Coastal and Marine Science Needs of North Atlantic LCC – 2010-2013**

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| **Year** | **Topic** | **Relevance** | **Technical Committee Recommendation** | **Steering Committee Decision** | **Status** |
| 2013 | Tidal wetland habitat suitability | Needed for restoration and management decisions | Recommended need; suggested LCC funding contingent upon Hurricane Sandy resilience funding decisions | Need accepted; LCC funding contingent upon Hurricane Sandy decisions | Two LCC-led Hurricane Sandy proposals approved by DOI: tidal marsh resiliency ($2.2 million) and beach resiliency ($1.75 million) |
| 2013 | Wetland restoration projects for resilience | Ensure effectiveness of coastal wetland restoration |
| 2013 | Natural systems’ response to Hurricane Sandy | Reduce risk to ecosystems and human communities from storm flooding |
| 2012 | Species-habitat assessment for aquatic and coastal species | Assess vulnerability and identify priority areas for conservation action for aquatic species (combined aquatic and coastal need) | Recommended for funding 2012 (joint with Aquatic subteam) | Approved $250,000 | Project in progress (Downstream Strategies and partners) |
| 2012 | Consistent coastal regional mapping | Important foundation for decision support tools and conservation designs | Recommended for funding 2012 | Approved $75,000 | Completed: project to update coastal sections of National Wetlands Inventory |
| 2012 | Saltmarsh restoration techniques for sea level rise | Improve effectiveness of salt marsh restoration | Recommended for funding 2012 | Approved $175,000 | Unsuccessful RFP; addressed by 2013 marsh resiliency project |
| 2012 | Sea level rise effects on marsh species | Improve decisions to ensure viability of salt marsh species | Deferred |  | (addressed through 2013 coastal project) |
| 2012 | Inventory and assessment of marine invasives | Understand threats from invasive species | Deferred |  |  |
| 2012 | Designing Sustainable Landscapes, phase 2 | Comprehensive project of data and tools for regional conservation design efforts (also includes terrestrial, aquatic components) | Recommended for funding 2012 & 2013 | Approved $406,000 | Project in progress (UMass Amherst and partners), completion of phase 2 in summer, 2014 |
| 2011 | Mapping the Distribution, Abundance and Risk Assessment of Marine Birds in the Northwest Atlantic | Informing decisions about siting offshore facilities; marine spatial planning; and other uses requiring maps of seabird distributions | Recommended for funding 2011 | Approved  $175,000 | To be completed June 30, 2014 |
| 2011 | Application of the Coastal and Marine Ecological Classification Standards (CMECS) to the Northeast | Consistent classification and mapping for estuarine and marine habitats is a priority need for a variety of purposes in the Northeast. | Recommended for funding 2011 | Approved  $100,000 | Complete December 2013 |
| 2010 | Forecast Effects of Accelerating Sea-level Rise on the Habitat of Atlantic Coast Piping Plovers and Identify Responsive Conservation Strategies | Inform a coast-wide assessment of threats from sea-level rise and related habitat conservation recommendations that can be implemented by land managers and inform recommendations to regulators | Recommended for funding 2010 (by FWS team) | Approved  204,000 | To be completed August 31, 2014  Additional phase through beach resiliency project |
| 2010 | Vulnerabilities to Climate Change of Northeast Fish and Wildlife Habitats, Phase II | Inform assessments of regional habitat vulnerability | Recommended for funding 2010 (by FWS team) | Approved | Completed  September, 2013 |