

# **Proposal for IIJA Funding**

November 9, 2022

#### **Context**

- NROC has operated since 2005 with three Committees that reflect shared regional priorities
  - Coastal Hazards Resilience
  - Ocean and Ecosystem health
  - Ocean Planning

 NROC hosts many crosscutting initiatives, including the Northeast Ocean Data Portal, Integrated Sentinel Monitoring Network, & the Regional Wildlife Science Collaborative



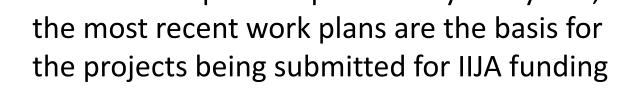






#### Context

NROC develops work plans every two years; the most recent work plans are the basis for



Important to note that many subcommittee activities and projects are likely relevant to multiple committees and NROC priorities

In year 1, staff will work with the committees to update the work plan for five years to ensure years 3 through 5 build on activities and investments in years 1 and 2









## **Coastal Hazards Resilience Committee Projects**

- 1. Establish a water level sensor community of practice in New England
- 2. Advancing living shorelines in New England (Phase 3)
- 3. Develop approaches for integrating updated sea level rise projections into planning tools and policies

## Ocean and Coastal Ecosystem Health Committee Projects

- 1. Update the ISMN Science and Implementation Plan
- 2. Advance mapping and monitoring of coastal vegetation and estimates of blue carbon stores
- 3. Develop a regional system for monitoring ocean and coastal acidification
- 4. Identify high priority area for comprehensive seafloor mapping and advance mapping of those areas

## **Ocean Planning Committee Projects**

- 1. Advance interjurisdictional coordination and the use of best practices in ocean planning
- 2. Upgrade and enhance the Northeast Ocean Data Portal website, map interfaces, data services, and IT infrastructure
- 3. Update marine life data on the Northeast Ocean Data Portal and conduct new analyses that assess changes over time and inform the wildlife and habitat components of the ISMN
- 4. Update and reorganize the commercial fishing data on the Northeast Ocean Data Portal

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