

NROC Coastal Hazards Resilience Committee (CHRC)

NROC CHRC Co-Chairs

- *Julia Knisel, MA Office of Coastal Zone Management*
- *Gavin Jackson, CT Dept. of Energy and Environmental Protection*
- *Dani Boudreau, NOAA Office for Coastal Management*

Goal

- Build hazards resilience to impacts of coastal erosion, flooding, storms, and climate change through region-wide dissemination of data, tools, and case studies, as well as fostering collaborative actions

Need for Action

- Coastal storms are leading to loss of life and damaging homes, businesses, infrastructure, and shorelines
- Regional data and tools are needed to identify inundation zones from storm surge, erosion, and sea level rise
- Strategies are needed to advance permitting and effective implementation of nature-based coastal resilience projects or living shorelines
- Regional coordination of coastal resilience projects:
 - identify management needs
 - ensure underserved communities are included
 - ensure projects are complementary



Strategies for Coastal Hazards Resilience

1. Promote regional dialogue and advance knowledge on broad-scale adaptation strategies for responding to the effects of sea-level rise
2. Facilitate data acquisition and user-friendly tools to support planning for and responses to coastal hazards
3. Providing regional leadership and promoting engagement and communications

Strategies for Coastal Hazards Resilience

1. Promote regional dialogue and advance knowledge on broad-scale adaptation strategies for responding to the effects of sea-level rise

- Integrate the latest SLR projections into planning tools and policies
- Host roundtables on SLR topics
 - regional landscape
 - experiences and lessons learned
 - research needs
 - policy opportunities



Strategies for Coastal Hazards Resilience

2. Facilitate data acquisition and user-friendly tools to support planning for and responses to coastal hazards

- Advance nature-based infrastructure and living shorelines in New England
- Establish water level sensor community of practice in New England
- Share tools and data to support planning for coastal hazards



Strategies for Coastal Hazards Resilience

3. Provide Regional Leadership, Engagement, and Communications

- Broaden climate equity and build inclusivity through expanded outreach and engagement
- Increase outreach and communications to expand knowledge and engagement around coastal hazards and resilience issues
- Build CHRC Committee membership and activities



For more information:

NROC CHRC Co-Chairs

Julia Knisel, MA Office of Coastal Zone Management

Gavin Jackson, CT Dept. of Energy and Environmental Protection

Dani Boudreau, NOAA Office for Coastal Management

Joan LeBlanc

NROC Coastal Hazards Resilience Program Director

jleblanc@northeastoceancouncil.org