



Connecticut

Maine

MIT (MA)

New Hampshire

New York

Rhode Island

Vermont

Woods Hole (MA)



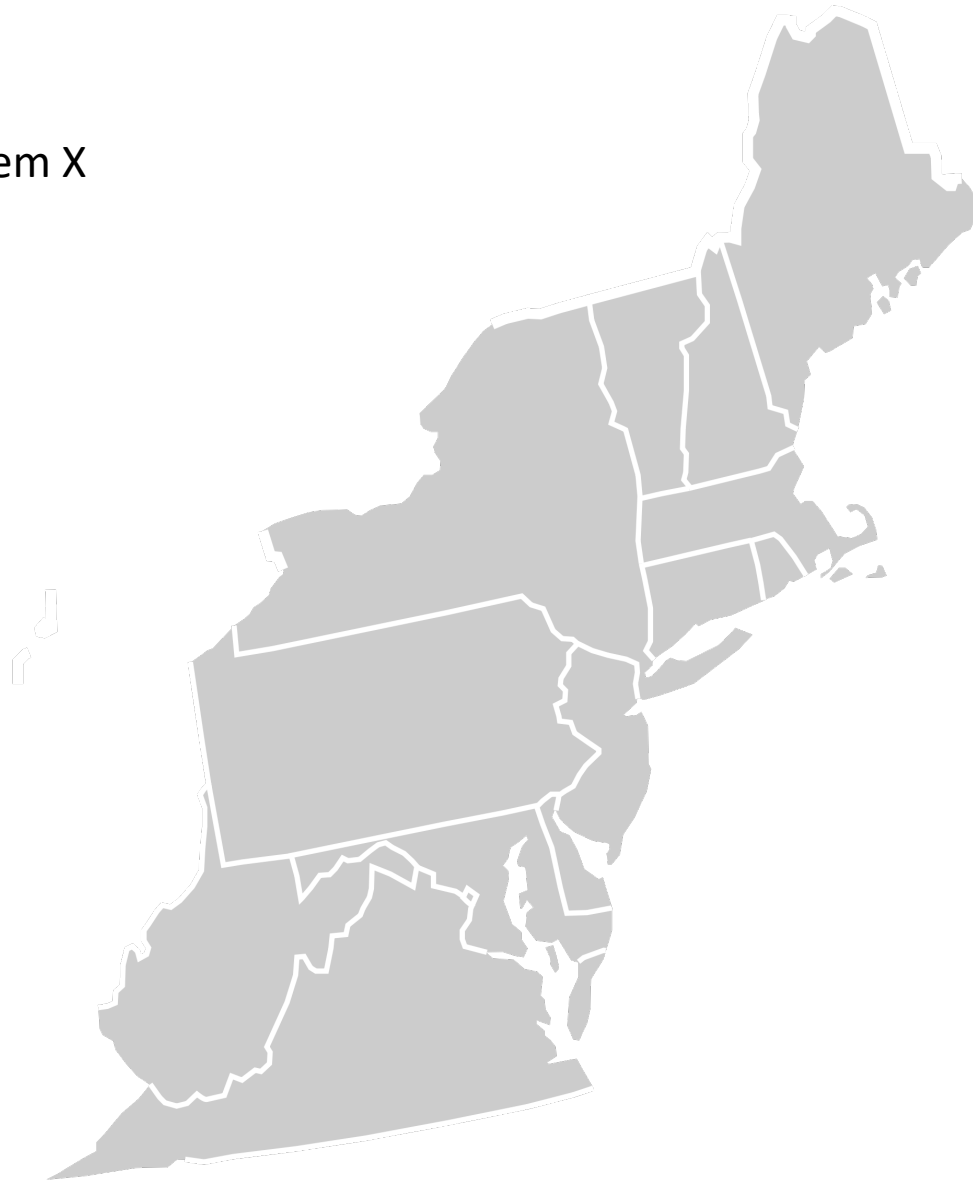
Administered by the National Oceanic and Atmospheric Administration (NOAA), Sea Grant is a network of 33 individual programs. The Northeast Region of Sea Grant includes the programs in Connecticut, Maine, New Hampshire, New York, Rhode Island, and Massachusetts, at MIT and the Woods Hole Oceanographic Institution. All these programs are part of the National Sea Grant College Program.

Through a combination of research, education, and outreach, Sea Grant works to promote the wise use and sustainable development of our coastal and marine resources.

NE Consortium of Sea Grant Programs and NOAA Ocean Acidification Program - Partnership

- Flexing mussels: Does *Mytilus edulis* have the capacity to overcome effects of Ocean Acidification?
 - Diana Padilla, NYSG
- Probing molecular determinants of bivalve resilience to ocean acidification
 - Bassem Alam, NYSG
- Genetic and phenotypic response of larval American lobster to ocean warming and acidification across new England's steep thermal gradient
 - Richard Wahl, Maine SG
- Sensitivity of larval and juvenile sand lance *Ammodytes dubius* on Stellwagen Bank to predicted ocean warming, acidification and deoxygenation
 - Hannes Baumann, CT SG

Regional Problem X



Regional Problem X

Research Expertise



Regional Problem X

Research Expertise

Regionally - Sea Grant can
Connect Research Expertise with
End-users/stakeholders



Stakeholder Need



Lobster and Climate Research and Extension Program

- Research – application due April 11.
 - 2M available
 - Increased understanding of life history parameters, Larval studies, early biology, socio-economic lessons learned from S NE
- Extension
 - Regional program connecting stakeholders to current and past NOAA funded research.



Aquaculture FFO

- Social, behavioral and economic research needs (3M)
 - Letters of intent due today!
- Advanced aquaculture collaborative programs (9M)
 - Letters of intent, April 15.
- Exploring new aquaculture opportunities (1.5M)
 - Letters of intent, March 15 (full, April 24).



Other updates

- NSGO is digging out from effect of government shut-down
- Site Reviews are being conducted
- Programs are currently fielding proposals for their biennial funding opportunities
- We are exploring further regional programming, research/extension efforts

