

Collaborative Climate Services and Research

In developing collaborative climate services and research projects, we engage with coastal communities, combining local knowledge and expertise with the best available scientific information to envision—and realize—a climate-resilient and thriving future. Together, we co-develop and deliver programming in climate literacy, community science, outreach and engagement, vulnerability assessments, climate action planning, and capacity strengthening for communities across Maine and throughout New England.

Explore our collaborative climate services for your community below.

What We Offer:

[Community-Driven Climate Planning Framework](#): Engage in a values-based climate planning scenario workshop, called Planning Forward, that guides and empowers participants to confront the difficult reality of our changing climate and consider possible futures through new perspectives.

[Community Resilience Resource Workshop](#): Connect with relevant tools, resources, processes, and professionals through 1:1 conversations, networking, and interactive presentations based on community needs and interests.

[Climate Resilience and Action Planning](#): Co-design and implement frameworks and processes with communities to determine and prioritize next steps that best reflect and respond to their climate resilience needs.

[Collect Local Flood Impact Data](#): Utilize Community Science whereby community members observe and upload coastal impact data using a protocol developed by climate professionals and the National Weather Service. Participants build local climate knowledge and generate data to inform near- and long- term emergency preparedness and climate decisions by building knowledge about what water level and weather conditions lead to local flooding.

[Interactive and Localized Climate Data](#): Develop interactive tools using platforms such as ESRI StoryMap to support coastal communities in visualizing the complex social, economic, and ecosystem impacts of coastal flooding and other climate hazards.

[Climate Presentations and Talks](#): Build community understanding of climate change by delivering in-person or virtual presentations to coastal communities sharing the latest science, local climate impacts, and facilitate conversation about lived experience and resilience actions.



Collaborative Climate Services and Research

Community-Driven Climate Vulnerability Assessment: Collaborate with communities to explore, understand, and document their sensitivity, exposure, and adaptive capacity to climate hazards through a community-engaged process, in-person site visits, and data creation and analysis that reflects their unique community context.

Facilitated Gatherings and Workshops: Bring community members together to hear from one another, strategize, and talk about climate change through storytelling sessions, participatory mapping, community suppers, and other facilitated discussions.

Youth Engagement in Climate Action: Engage young people in local climate action work, including climate vulnerability assessments, classroom curriculums, climate data collection, and local decision-making efforts around climate change by supporting educators with curriculum resources, scientific assets, and connections.

Working Waterfront Vulnerability Assessments: Using a suite of tools we have developed; we collaborate with property owners to assess the present and future flood hazards to a working waterfront in the face of sea level rise and more severe and frequent coastal flooding. This supports them in prioritizing and planning for next steps to build resilience.

Interested in a service not listed?

Contact us at szuco@gmri.org to explore other options, opportunities, and ideas!

