

PREP-RI

PROVIDING RESILIENCE
EDUCATION FOR
PLANNING IN RHODE ISLAND

Resilience Tools for Communities

How can you PREP for Changing Times?

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PREP-RI

What we will cover today

- Why/how you can use PREP – RI
- Share module - Adaptation Opportunities & Examples
- Learn about a real-life example of Adaptation
- Dig deeper in to mapping tools

Welcome to PREP-RI

- A **resiliency education program** to help communities prepare for the significant challenges posed to them by flood water and erosion.
- Designed **primarily for local boards and commissions** of coastal communities, as well as government staff, community organizers, and citizens throughout the State.



What is PREP-RI?

This online module series aims to increase the capacity of municipal decision-makers to make effective choices supporting resilience to the current and future impacts of climate change. Relevant examples and lessons learned from Rhode Island communities are included, as well as ways to use resources and tools in decision-making. PREP-RI builds upon existing State efforts and is the product of collaboration among local experts and practitioners from a variety of fields.

What is in each module?

- Brief audio presentations (10 to 12-minute Voice-over PowerPoint)
- Presentation Notes
- Resources Page
- Certificate of Completion
- Module Evaluation

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Building Capacity is the Objective

- ↑ Awareness of issues, implications, tools and resources
- ↑ Capacity of municipal officials to make effective decisions supporting community resilience



What is PREP-RI?



Climate Change in Rhode Island:
What Does it Mean for Your Community?



Infrastructure at Risk:
Protect Your Investments



Know Your Risk:
Using Mapping Tools to Make Informed Decisions



Rising Waters:
Planning for Flooding in the Ocean State



Managing Stormwater
to Protect Rhode Island's Waters



Reduce Your Risk:
Integrating Adaptation into Local Planning

[Video](#) [Presentation Notes](#) [Resources](#) [Evaluation](#) [Certificate](#)

PREP-RI

Municipal modules meet demand

- Why does it matter?
 - an understanding of *the implications* of a changing climate
- What's going on?
 - relevant RI *examples and lessons* learned
- What can we do?
 - resources and tools that *build upon existing* collaborative State efforts



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MODULES

ABOUT

CONTACT

Adaptation

Opportunities exist to plan and prepare for the implications of climate change in Rhode Island. Adaptation and hazard mitigation planning can help communities adjust to the changes experienced today and in the future. This module provides guidance on how to incorporate climate change implications, such as flooding and sea level rise, into local planning and decision-making. Both larger-scale and smaller, site-based adaptation methods are outlined in the module.

Objectives:

By the end of this module, you will be able to:

- Describe the process of incorporating adaptation into local planning; and
- Identify adaptation strategies to address flooding and other climate change-related impacts in coastal communities.



Reduce Your Risk: Integrating Adaptation into Local Planning

[Speaker Notes](#) | [Resources Page](#)

Please give us your anonymous feedback and receive your certificate.

[Feedback and Certificate](#)

Speaker Bios:



Pam Rubinoff is a coastal resilience specialist at the Coastal Resources Center and Rhode Island Sea Grant, at the University of Rhode Island's Graduate School of Oceanography. Over the past two decades at URI, Rubinoff has combined her skills in engineering and coastal policy to advance an interdisciplinary coastal resilience portfolio in Rhode Island and developing nations throughout the world. In collaboration with a diverse group of partners, Rubinoff facilitates the use of climate science for effective policy, planning, and action by coastal communities, state governments, and private sector stakeholders. Current projects include municipal training, green infrastructure in coastal environments, and supporting Rhode Island preparedness efforts through physical modeling and social science research.



Chelsea Siefert is the director of planning for the town of South Kingstown, where she sets policy for development review, crafts zoning ordinance amendments, and guides municipal decision making. Prior to being employed by South Kingstown, Siefert was a principal planner with the Rhode Island Division of Planning, where she was responsible for the development of the Comprehensive Planning Guidance Handbook series, and provided a variety of technical assistance to Rhode Island's municipalities. Siefert received her Bachelor of Arts in politics from Saint Anselm College in Manchester, New Hampshire, and her Master of Community Planning from the University of Rhode Island. She is currently the treasurer of the Rhode Island Chapter of the American Planning Association.

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Mandatory Training



RIGL §45-22-7. *Powers of the Planning Board or commission.*

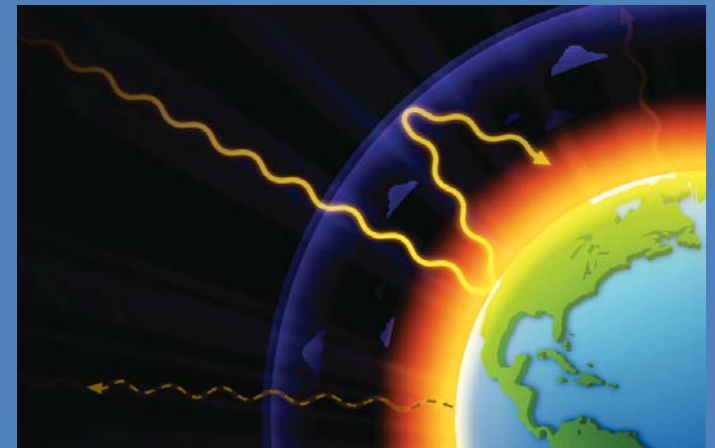
- Requirement of members
- 2 hours of training and education completed every 2 years
- Issues related to floodplain and sea level rise
- File statement with municipal clerk

How Effective is PREP-RI?

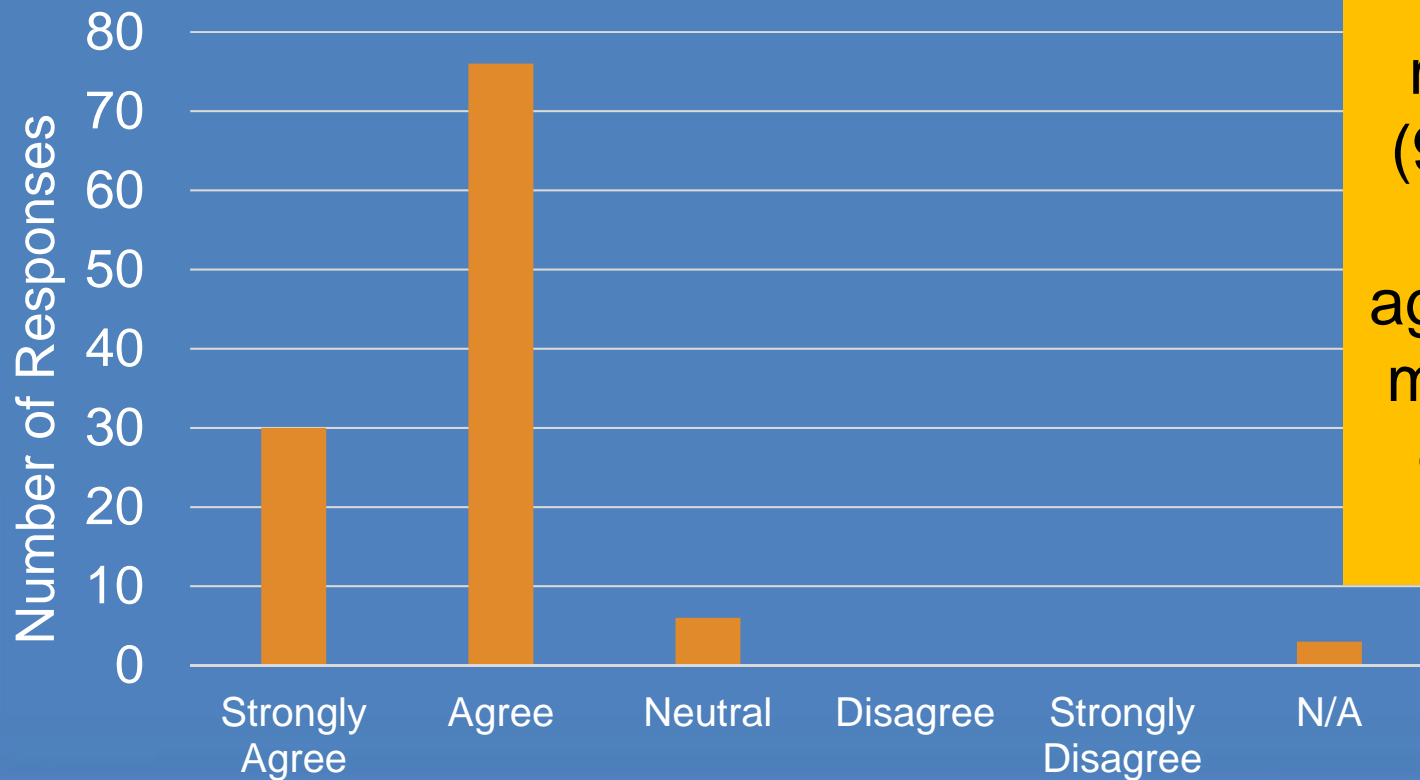
Effectiveness – what matters?

- Basic scientific explanations
- Qualified and credible sources delivering information
- Directed towards target audience
- Use of examples

Based on Fishcoff's and Meyers' criterion

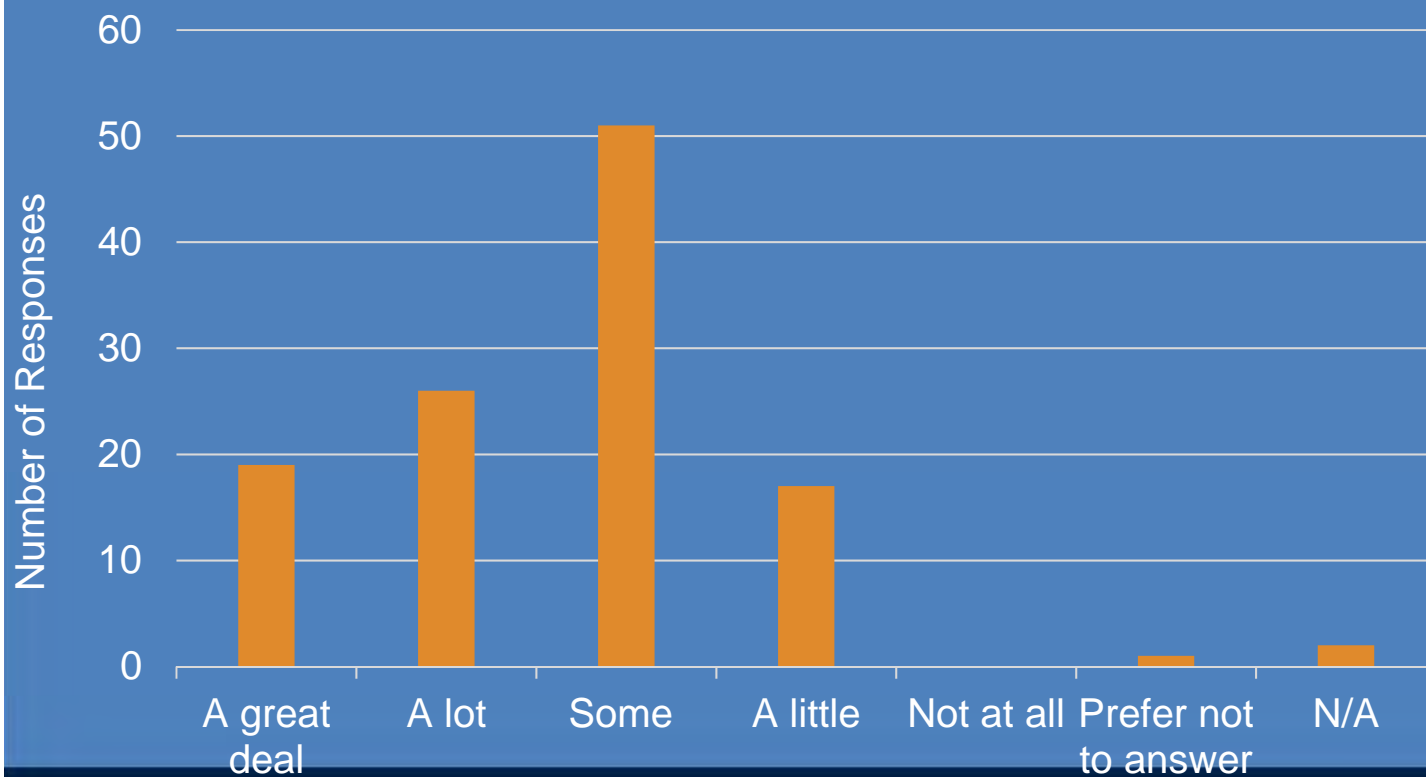


A good use of my time?



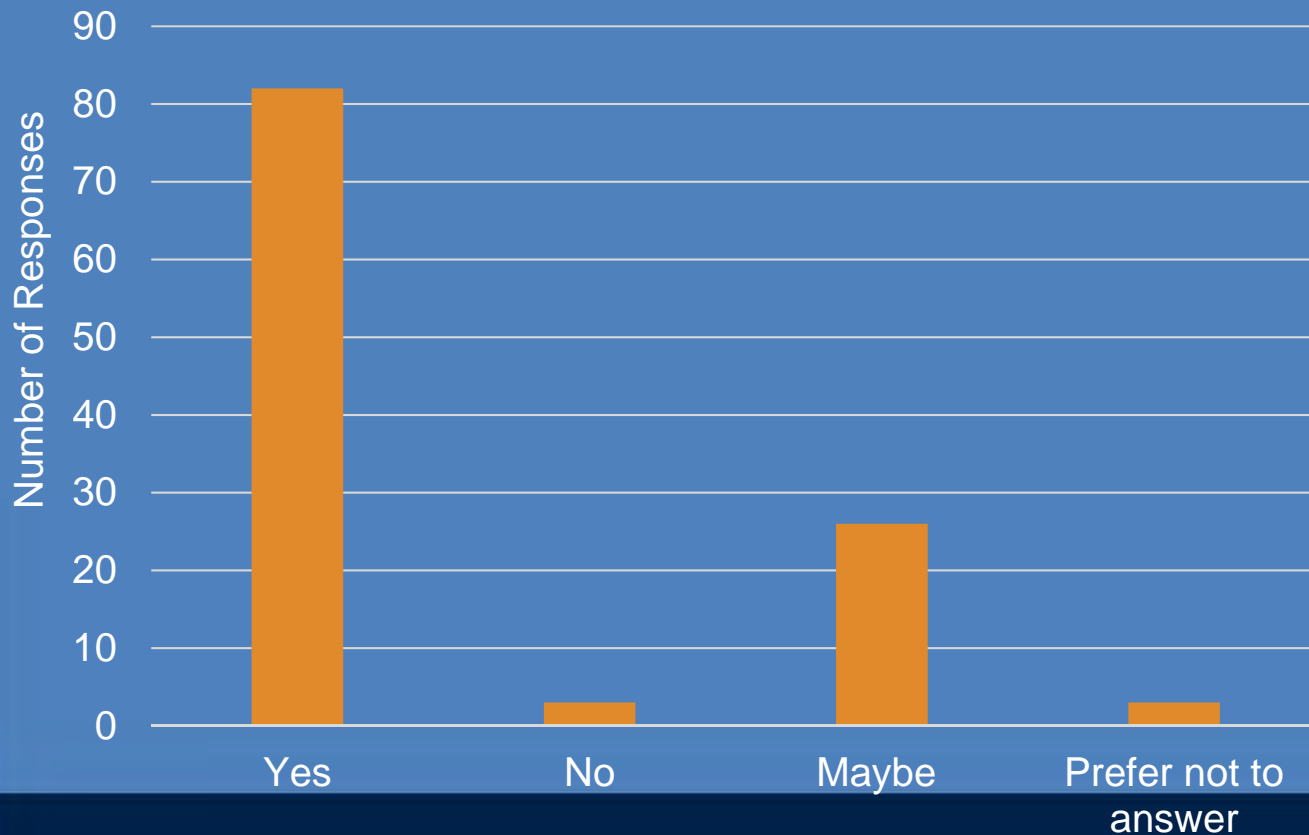
Most respondents (92%) agreed or strongly agreed that the module was a good use of their time.

Increase your knowledge of the subject?



Most respondents (83%) reported that the module increased their knowledge a great deal, a lot, and some.

Learn something you will use in your work or future decisions?



Most respondents (72%) reported they learned something they will use in their future decision making.

Next Steps

- Promotion of PREP-RI modules
- Evaluation and monitoring
- Face-to-face engagements
- Targeted municipal technical assistance

Climate Change
in Rhode Island



Flooding



Stormwater



Infrastructure



Mapping Tools



Adaptation



Learn More



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