

How can Energy Committees Get Involved in Community Resilience Planning and Action?



AGENDA

1. Climate Change Impacts and the State Context for Work on Resilience
2. What's Happening Locally? What Assistance and Tools are Available?
3. Discussion

What Would Resilience
Look Like In Your
Community?

Vermont has many assets for long-term resilience



No comments posted. [Add comment](#)

Where do Resilience and Combating Climate Change Intersect?

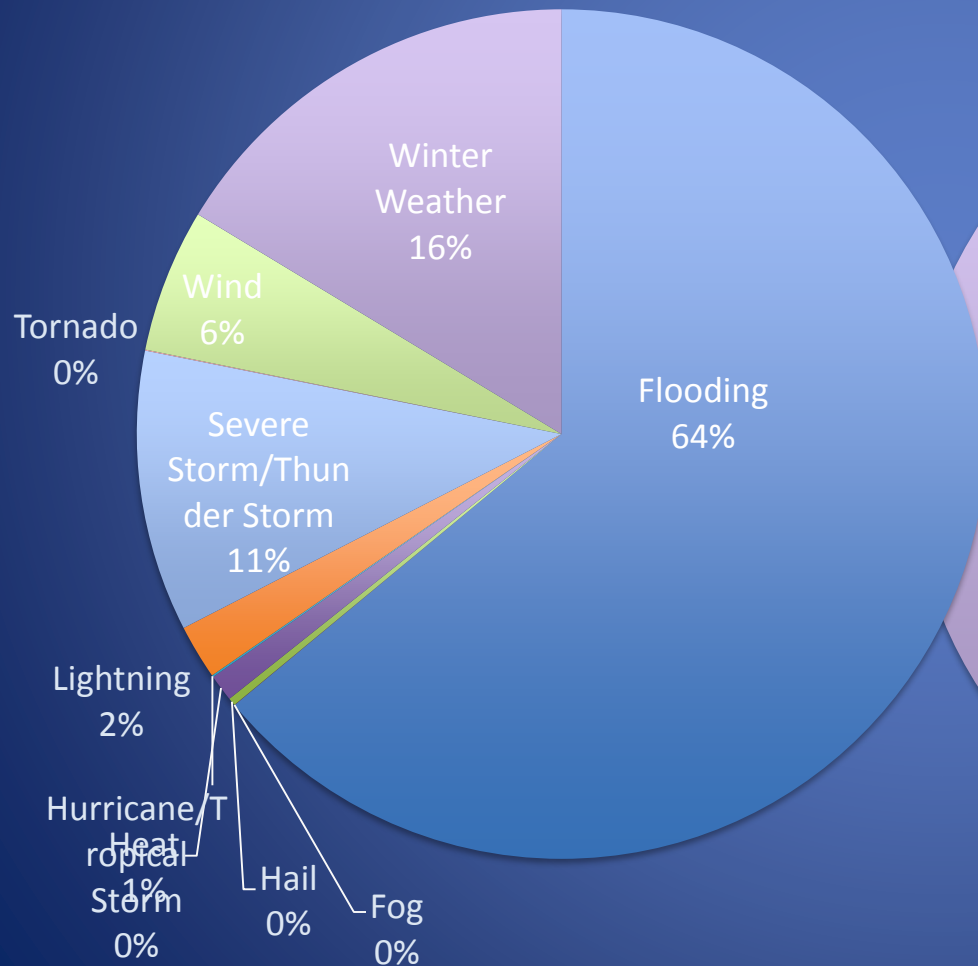


Stafford Hill Solar Farm, Rutland

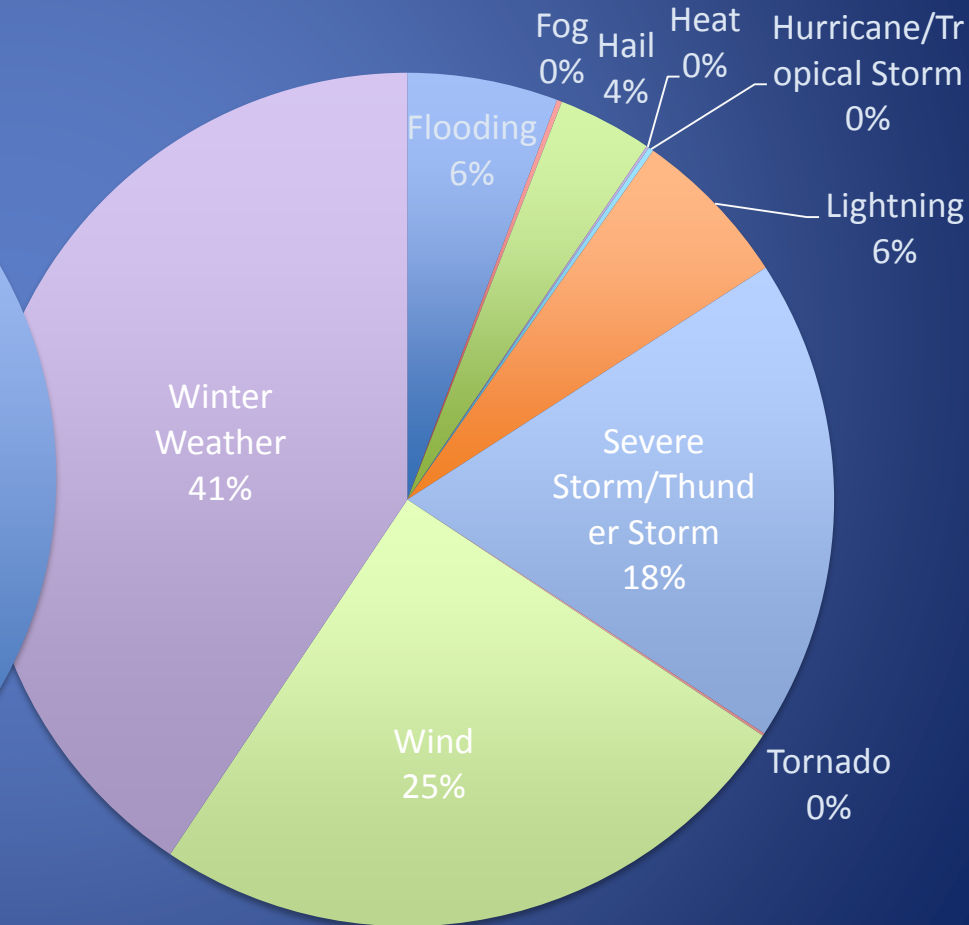
Natural Hazards – more than flooding

(Caledonia County, 1960-2013)

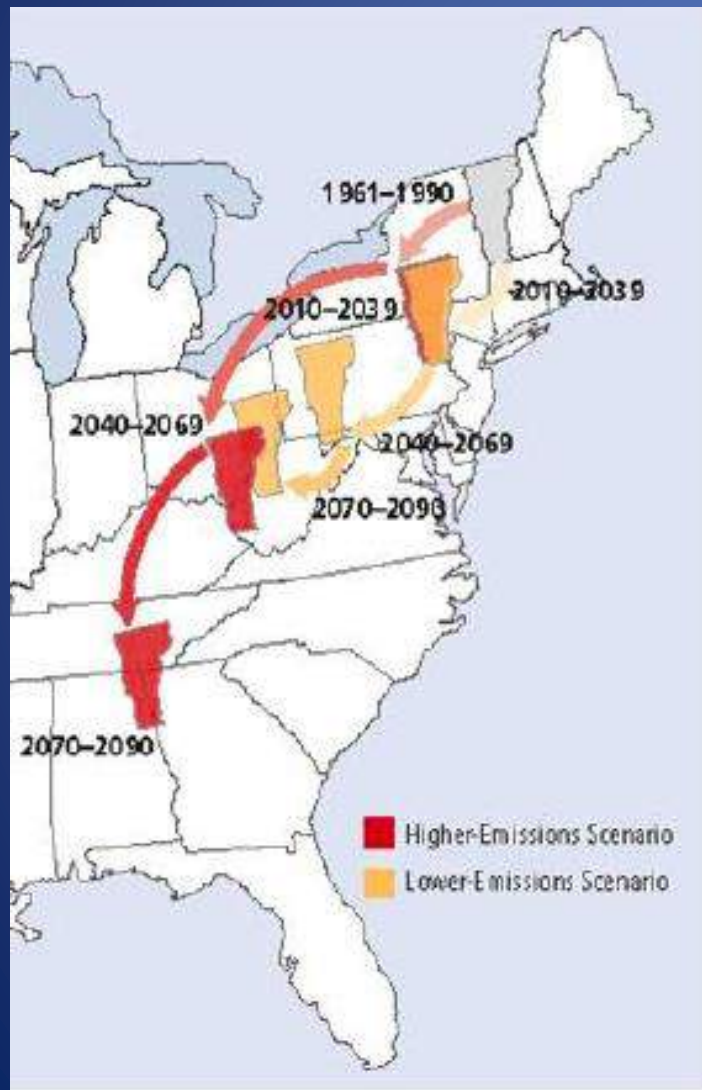
Cost



Number of Hazard Events



Resilient to What?

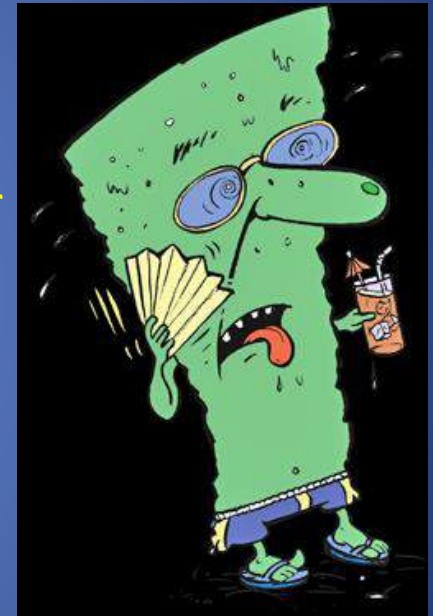


Days of “extreme heat”

- 5 times per year since 2000
- 13 to 18 days per year expected by 2050; 18 to 33 by 2099.

Other impacts

- Changes in seasons
- Impacts on resource sectors; tourism; invasives etc



Impacts on Energy Systems



- ☐ Damage to physical infrastructure
- ☐ Power outages (including critical systems – water, wastewater)
- ☐ Disruption to fuel delivery
- ☐ Increased energy use (more AC in summer will outweigh reduced energy demand for winter heating)

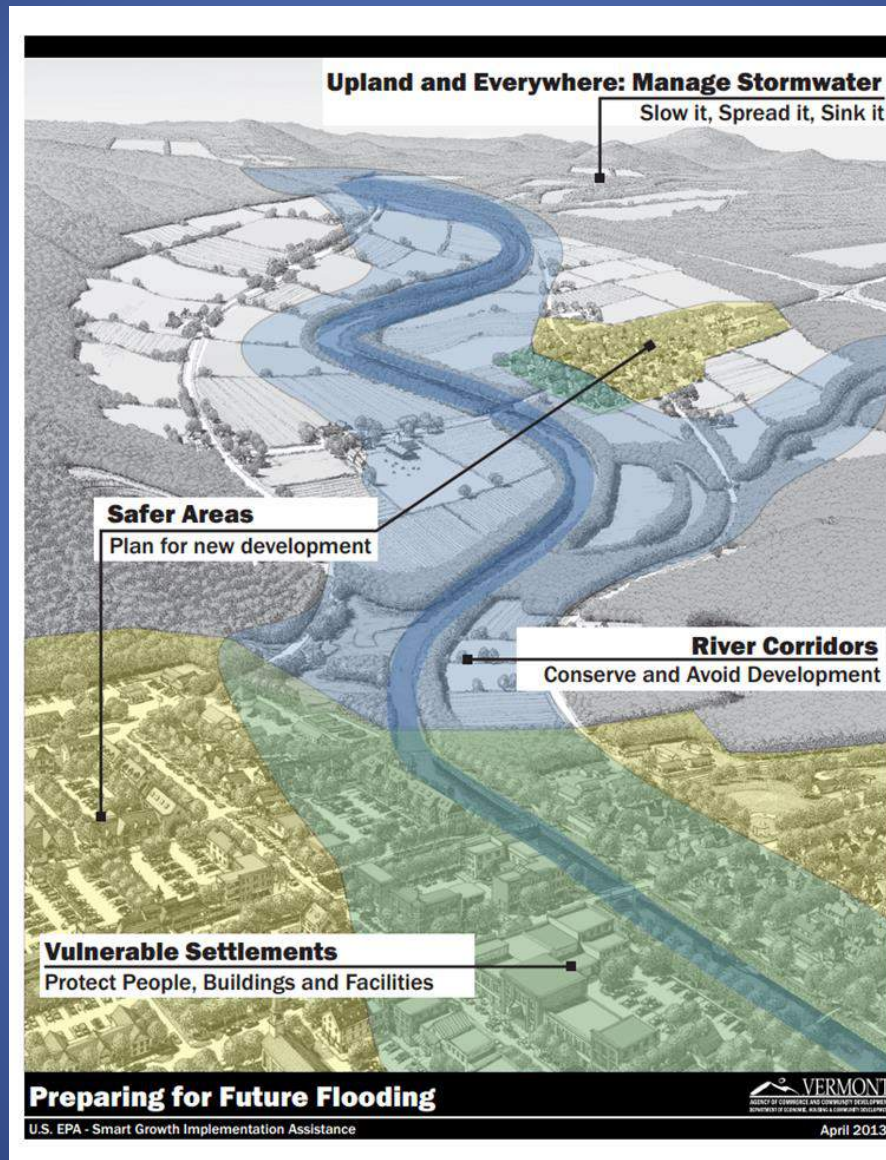
What Help Can Feds and State Provide?

- Support to address climate in local hazard mitigation and emergency ops plans
- More funding (especially federal) for compact, low carbon, resilient towns – e.g. incentives for downtowns development, bike ped. infrastructure etc.



- Support to develop and implement Flood Resilient Elements in Town Plans, including model plan language, bylaws etc.

Guidance on promoting flood resilience AND compact growth



Web Resources for Assessing Risk and Resilience

vermont.gov | floodready »

VERMONT
State of Vermont

VERMONT.gov
official state website

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Home

Rising Danger - Flood Costs

Community Risk Assessment

Update Your Plans

Use Natural Flood Protection

Improve Infrastructure

Find Funding

Making It Happen

Get Help

Map Your Community

FLOOD READY

Management

Administration

User menu

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FLOOD READY VERMONT

Vermonters make it happen

1

Stories of success

Making It Happen

View Edit Revisions

On this page you will find stories about Vermonters who are working proactively to become flood ready.

This video illustrates how floodplains function to protect communities. The Connecticut River Watershed Council and Conservation Law Foundation produced this 11-minute piece showing how the Otter Creek floodplains moderated flooding and damage during Irene.

Do you have a story to tell? [Let us know.](#)

Otter Creek

Flood Hazard Summary Report

Summary of Flood risk data and mitigation actions for ERAF.

County:

Region:

Community:

Show All ☐

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Floodready.vt.gov