

Building Climate Resilient Communities in the Upper Valley

*A Forum for Information Sharing, Collaboration
and Solutions*

Hosted by the Upper Valley Adaptation Workgroup

September 30, 2013

Dartmouth Hitchcock Medical Center

Agenda

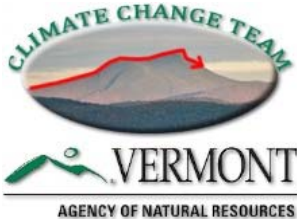
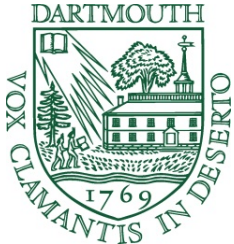
1. Welcome and Introductions
2. Climate Change in Northern New England:
Past Present and Future
3. Panel Discussion on Climate Impacts in Our
Region
4. Community Conversations – Opportunities &
Solutions to Build Climate Resiliency

Working Definition...

- **Climate Resiliency** is the ability of a community to anticipate, prepare for, respond to and recover from climate impacts in a way that minimizes significant disruption to our lives and compromise of shared resources. This includes our health, safety, built environments, food availability, natural resources, wildlife and financial strength (among others).

Upper Valley Adaptation Workgroup Partners

Municipal Regional State Medical Academic Non-Profit Business



UNIVERSITY of NEW HAMPSHIRE



Working Together for
VITAL COMMUNITIES

About Climate Change

- Wide scientific agreement – National Academy of Science, NOAA, American Geophysical Union, US Global Change Research Program, IPCC etc...
- It is happening now – we can see it in our own lives. Record breaking temperatures, extreme weather events...
- We contribute to it – fossil fuels make CO₂; CO₂ traps heat
- We have a choice
 - We can decrease our CO₂ emissions
 - Communities can become more resilient
 - We can reduce impacts with engagement & technology

We have met environmental challenges in the past!

- 40 years ago – Smog
 - Solution: Catalytic converters
 - Smog reduced by one-third to one-half
- 25 years ago – Ozone layer destruction
 - Solution: Chlorofluorocarbon (CFC) phase out
 - CFCs all but eliminated, ozone layer (slowly) rebounding
- 20 years ago – Acid Rain
 - Solution: “cap and trade” system for regulating utility SO₂ emissions
 - Acid rain emissions cut by 1/2; forests rebounding, lakes (slowly) rebounding

Resources

- ***Upper Valley Adaptation Workgroup***
<http://www.uvlsrc.org/resources/uvaw/>
- Slides and data will be posted
- You will receive an email with the link
- Feel free to share the:
 - Climate Overview
 - 21 things you can do...
 - Resources
 - Terms

Simple next steps...

- ✓ What is one action that you can take following tonight?
- ✓ Continue this conversation within your communities.
- ✓ Join us for the next forum – targeted for Winter 2014