

Climate Summit III Resource List 2014

New Climate Change Resources

Data.Gov

<http://www.data.gov/climate/>

Here you can find data related to climate change that can help inform and prepare America's communities, businesses, and citizens. Initially, in this pilot phase, you can find data and resources related to [coastal flooding, sea level rise, and their impacts](#). Over time, you will be able to find additional data and tools relevant to other important climate-related impacts, including risks to human health, the food supply, and energy infrastructure.

AAAS What We Know: The Reality, Risks and Response to Climate Change

<http://whatweknow.aaas.org/>

The American Association for the Advancement of Science (AAAS) has released an engaging media-rich Web site and white paper to share key messages for every American about climate change. The AAAS is the world's largest non-government general science membership organization.

The U.S. Department of Agriculture Regional Hubs for Risk Adaptation and Mitigation Northeast: Northern Research Station, Forest Service, Durham, N.H.

<http://www.usda.gov/wps/portal/usda/usdahome?navid=climate-change>

The U.S. Department of Agriculture recently announced the creation of seven Regional Hubs for Risk Adaptation and Mitigation to Climate Change. The seven "Climate Hubs" and three subsidiary hubs will address increasing risks such as fires, invasive pests, devastating floods, and crippling droughts on a regional basis, aiming to translate science and research into information to farmers, ranchers, and forest landowners on ways to adapt and adjust their resource management.

[U.S. Army Corps of Engineers Climate Adaptation Website](#), which among other things links to the recent publication: "[Coastal Risk Reduction and Resilience: Using the Full Array of Measures](#)," on the U.S. Army Corps of Engineers' capabilities to help reduce risks to coastal areas and improve resilience to coastal hazards through an integrated planning approach.

Resources from Climate Summit III Presenters

All the presentations will be posted on the <http://nh.stormsmart.org/before/ed-outreach/past-workshops/> website as PDFs.

Other Resources from presenters

The Climate Action Plan 5th Anniversary and State Updates
Sherry Godlewski, NH Department of Environmental Services

Climate Action Plan

http://des.nh.gov/organization/divisions/air/tsb/tps/climate/action_plan/documents/nhcap_final.pdf

Adaptation Tool-kit

<http://des.nh.gov/organization/divisions/air/tsb/tps/climate/toolkit/index.htm>

The NH Coastal Risk and Hazard Commission
Cliff Sinnott, Rockingham Planning Commission

<http://nhcrhc.stormsmart.org/>

The NHCRHC post meeting schedules and resources on this web site. Click the NH Coastal Risk and Hazard Commission or the CRHC button.

Plenary: The Economics of Coastal Vulnerability and Adaptation: Asking the Right Questions

Dr. Robert Johnston,
Director, George Perkins Marsh Institute
Clark University

The Economics of Coastal Vulnerability and Adaptation: Asking the Right Questions

<http://www.clarku.edu/departments/marsh/>

Climate Change and Sea Level Rise Impacts on Pavement and Road Design
Dr. Jennifer Jacobs, University of New Hampshire

<http://theicnet.org/>

Climate Change and Conservation of Saltmarsh Birds
Dr. Adrienne Kovach, University of New Hampshire

Resources on Saltmarsh Nesting Birds

Website of the Saltmarsh Habitat and Avian Research Program (SHARP) – a collaborative effort among academic researchers and governmental and non-profit agencies for the conservation of tidal marsh birds.

<http://www.tidalmarshbirds.org/>

Website describing some of the Saltmarsh and Nelson's Sparrow research at UNH

http://unh.edu/kovach_lab/projects.html

A few key papers:

Bayard, T.S. and C.S. Elphick. 2011. Planning for sea-level rise: quantifying patterns of Saltmarsh Sparrow (*Ammodramus caudacutus*) nest flooding under current sea-level conditions. *The Auk* 128(2): 393-403.

Gjerdrum, C., C.S. Elphick, and M. Rubega. 2005. Nest site selection and nesting success in saltmarsh breeding sparrows: the importance of nest habitat, timing, and study site differences. *The Condor* 107: 849-862.

Shriver, W.G., P.D. Vickery, T.P. Hodgman, and J.P. Gibbs. 2007. Flood tides affect breeding ecology of two sympatric sharp-tailed sparrows. *The Auk* 124(2): 552-560.

Shriver, W. G. and R. Greenberg. 2011. Avian community responses to tidal restoration. In C. Roman and D. Burdick eds. *Restoring Tidal Flows to Salt Marshes: A Synthesis of Science and Management*. Island Press, Washington, DC.

van de Pol, M., B. J. Ens, D. Heg, L. Brouwer, J. Krol, M. Maier, K. M. Exo, K. Oosterbeek, T.

Lok, C. M. Eising, and K. Koffijberg. 2010. Do changes in the frequency, magnitude and timing

of extreme climatic events threaten the population viability of coastal birds? *Journal of Applied*

Ecology 47:720-730. {SLR impacts on saltmarsh birds in a European estuarine ecosystem}

Choices on the Road(trip) to Climate Adaptation

Kirsten Howard, NH Coastal Program

Great American Adaptation Road Trip

<http://adaptationstories.com>

Assessing the Social Landscape for Adaptation: Lessons Learned from the New England Climate Adaptation Project

Danya Rumore, Massachusetts Institute of Technology

- NECAP website (findings will be posted on the website as they become available): <http://necap.mit.edu>
- MIT Science Impact Collaborative website: <http://scienceimpact.mit.edu/>
- Consensus Building Institute website: www.cbbuilding.org
- NECAP risk assessments for Barnstable, MA; Cranston, RI; Dover, NH; and Wells, ME: <http://necap.scripts.mit.edu/necap/risk-assessments/>
- Four NECAP role-play simulations:
 - Shoreham Game (prepared for Barnstable, MA): <http://www.pon.harvard.edu/shop/coastal-flooding-in-shoreham-responding-to-climate-change-risks/>
 - The Northam Game (prepared for Dover, NH): <http://www.pon.harvard.edu/shop/flooding-and-climate-change-risks-in-northam/>
 - The Launton Game (prepared for Wells, ME): <http://www.pon.harvard.edu/shop/coastal-flooding-and-climate-related-risks-in-launton/>
 - The Milton Game (prepared for Cranston, RI): <http://www.pon.harvard.edu/shop/flooding-in-milton-collectively-managing-climate-change-risks/>
- Susskind and Rumore (2013) article about NECAP in Solutions Journal: <http://thesolutionsjournal.com/node/2021>

The Dover Stakeholder Assessment and Climate Change Risk Assessment can also be found here

<http://www.greatbay.org/events/index.htm#Adult>

Local Solutions Conference

Michael Simpson, Antioch University New England

Local Solutions: Northeast Climate Change Preparedness Conference

May 19-21, 2014 @ The Center of New Hampshire, Manchester, NH

The first two days of the conference are about building resilient communities. The program will inform community planners, decision makers and those responsible for implementing change at the local level how best to identify current and future vulnerabilities, followed by adaptive responses to build resilient communities. The third day, the Educators Summit, will inform middle and high school teachers how to design community-based, problem-solving curriculum that will teach students how best to support municipal officials preparing for impacts from a changing climate. Visit the [Local Solutions conference website](#) to learn more.

[Register online](#) by March 21 for early bird 20% discount.

Municipal representatives can apply for travel grants for up to \$500.

From the Municipal Panel – Resources

The Portsmouth Climate Resilience Initiative Report can be found here.

<http://www.planportsmouth.com/cri/CRI-Report.pdf>

Storm Surge Merrimack Valley Coastal Adaptation Workgroup

<http://us7.campaign-archive1.com/?u=127e7cc4daea76102073dc721&id=e9cf0fe233&e=2de8e0af01>

Town of Durham, NH

www.ci.durham.nh.us

Exeter, NH

<http://www.capenh.net/>

For the Dover project

see Assessing the Social Landscape for Adaptation: Lessons Learned from the New England Climate Adaptation Project above.