United States
Department of
Agriculture

USDA Northeast Climate Hub NERA Update

Dave Hollinger, NE Hub Director
dhollinger@fs.fed.us
Erin Lane, NE Hub Coordinator
edlane@fs.fed.us

Please share your thoughts and ideas for improving our collaborations!

Upcoming meeting!

United States Department of Agriculture
Northeast Climate Hub

Rutgers NJAES Cooperative Extension

USDA Northeast Climate Hub Partners Meeting: Building Resiliency Through Adaptation

March 14 & 15, 2018 | Rutgers University, New Brunswick, NJ

Over 140 attendees expected. Keynote talks from authors of the recent Northeast Vulnerability Assessments, NIFA, and Bill Hohenstein (Office of the Chief Economist).

To Register: http://www.cpe.rutgers.edu/neclimatehub/RSVP.html

Cross-Border Workshop "**Adaptation to Climate Change: Information and Tools for Decision-Making**" October 17-18, 2017, Syracuse, NY.

https://www.climatehubs.oce.usda.gov/hubs/northeast/project/cross-border-workshop

Themes:
1) Addressing Extreme Weather Events,
2) Climate Change, Pests and Diseases,
3) Weather & Climate Decision Support Tools

Sponsored by USDA Climate Hubs, Environment and Climate Change Canada, Agriculture and Agri-Food Canada, Cornell University and Ouranos

Case Studies: Irrigation, culvert sizing

https://www.climatehubs.oce.usda.gov/hubs/northeast/topic/economics-climate-change

- An example where Irrigation makes sense even in wet years
- See most cost effective culvert designs

Adaptation Demonstrations: 360° Virtual tours

https://www.climatehubs.oce.usda.gov/hubs/project/if-you-were-there-360-demonstrations

- 10 tours now up with more coming
- See the latest from Rutgers and UDC

More Activities:

NE Climate Vulnerability Studies: Special Issue in Climatic Change vol. 146 (2018)

- Unique challenges and opportunities for northeastern US crop production in a changing climate (Wolfe et al.) Cornell, UMD, Penn State, USDA
- Climate change effects on livestock in the Northeast US and strategies for adaptation (Hristov et al.) Penn State, UD, Cornell, UNH, USDA

Tribal weather stations (TSCAN): New nationwide network of 30 stations supported by NRCS, BIA, & Hubs.

FY18 Priorities:

- Developing case studies, research briefs and fact sheets with University & government partners
- Developing a NE Community of Practice around climate adaptation and agriculture
  - Peer to peer learning project with UVM, UME, Rutgers, Rodale Institute, and others
  - Building a network of graduate students through a virtual lab led by U Maine, Rutgers, and others
- Hosting webinars for partners and stakeholders to share climate research/data within our region
- Facilitating Extension Climate Master Volunteer Program with Cornell, UMD, Penn State, UD, DSU, Rutgers, UVM, UME, UDC
- Sharing regional adaptation news (newsletter)