



DAVID HOLLINGER & ERIN LANE, USDA FOREST SERVICE  
MAY 25, 2021



## USDA Northeast Climate Hub

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Who, What  
How to Partner

NIFA AFRI  
“Extension, Education and  
USDA Climate Hubs  
Partnership”

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\$1.5 million



## Next Step for Potential Northeast Hub Partners\*:

Please send a 1- or 2 paragraph summary of your proposal to : Lindsey Rustad, NE Hub

**[lindsey.rustad@usda.gov](mailto:lindsey.rustad@usda.gov)**

By June 4<sup>th</sup>

Include if you are interested in working with others and if we may share your proposal with others in the region.

Please note this guidance is to make the job of the Northeast Hub easier in developing partnerships and is voluntary. Other Hubs may have developed other ways of creating linkages.



# USDA Climate Hubs

- Cross-USDA (NRCS, ARS, FS), land grants, tribes, other federal agencies
- Intersection of science and outreach



**Mission:** “To develop and deliver science-based, region-specific information and technologies to agricultural and natural resource managers that enable climate-smart decision-making and provide assistance to enable land managers to implement those decisions.”

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work with others to find and share practical solutions to climate variability & change

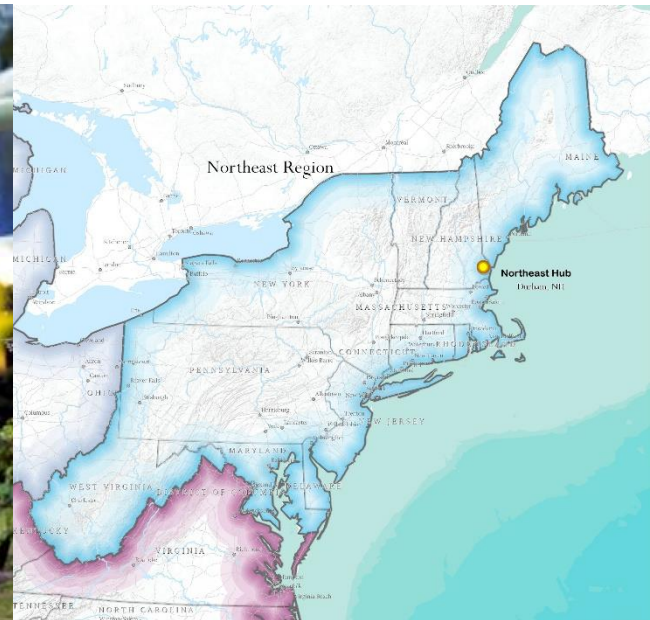
- Research and Science Information Synthesis
- Tool Development, Technology Exchange, and Implementation Assistance
- Stakeholder Education, Outreach, and Engagement







- Develop: Partnerships, Target Ag Service Providers
- Understand: how climate in the Northeast is impacting opportunities
- Find, Share, Promote:
  - Ways to improve resilience
  - Ways farmers can reduce GHG, store carbon
- Improve: information, resources, tools, opportunities for under-represented groups



- Economic Case Studies
- Webinar Series
- Factsheets
- Workshops
- Virtual Tours of Demonstrations
- Climate Adaptation Fellows
- Climate Stewards Program
- Weather Stations
- Graduate Student Lab
- Newsletters





- Economic of Soil Health
- Saltwater Intrusion
- Carbon modeling of forest management



A woman with dark hair, wearing a light blue button-down shirt and dark pants, stands in a vast field of tall, golden-brown grass. She is seen from the side, pointing her right hand towards the horizon. The sky is a clear, pale blue, and the overall scene is bathed in the warm, golden light of late afternoon or early morning. The text "Graduate Student Climate Adaptation Partners [GradCAP]" is overlaid in large, white, sans-serif font across the middle of the image.

# Graduate Student Climate Adaptation Partners [GradCAP]

USDA is an equal opportunity provider, employer and lender

Image by Sonja Birtchisel, used with permission

Virtual consortium of  
graduate students  
working on climate adaptation  
in agriculture and forestry





United States Department of Agriculture  
Northeast Climate Hub

USDA Northeast Climate Hub  
U.S. DEPARTMENT OF AGRICULTURE

SUBSCRIBE

# THE QUARTERLY HARVEST

WORKING AS A COLLABORATION TO PROMOTE CLIMATE  
INFORMED DECISIONS ON FARMS AND FORESTS



**Website:** <https://www.climatehubs.usda.gov/hubs/northeast>



## General Info re. “Extension, Education and USDA Climate Hubs Partnership” – Please see the RFA!!

- FY21 \$10M (\$1.5M 6-7 proposals), FY22 the same again (resub OK)
- Awards ~ September 2021
- Purpose is to fund extension and the Hubs
- Investigators may participate on more than one proposal but can only lead one
- Not for research (but maybe student research)
- Successful proposals will be a collaboration between Hubs & others for regional outreach/extension purposes. Hubs will be co-I.
- A collaboration = mutual interests and a sharing of funds with Hubs (not necessarily 50:50)
- Regional = more than one state
- Proposals must address RFA and Hub "needs"
- The Hubs will not be gate keepers; however, they are under no obligation to participate if a proposal does not meet their needs
- Hubs may lead a proposal but get no special treatment

## Northeast Hub Climate "Needs" (not exclusive)

- Outreach staff (such as a Fellow)
- Grad student learning opportunities (GradCap)
- Professional Development for Ag Service Providers
- Peer-to-peer learning for climate adaptation and mitigation
- Engaging with Soil and Water Conservation Districts
- Economic Case Studies
- Using Weather stations as support tools
- Rapid response to extreme weather (preparedness/recovery)
- Outreach on climate mitigation strategies
- Making climate data more discoverable, accessible, usable
- Risk assessments for producer groups
- Online learning sessions showcasing climate resilience
- Creative use of "Climate Corps" (best as a component of a proposal)
- Opportunities for environmental justice (1890s, Tribes, see RFA)





## Northeast Climate Hub Collaboration General Thoughts

- Hub capacity currently is limited both in proposal development (especially if numerous) and project implementation
- Hub liaison staff can be included in proposals
- Collaborative proposals will be more efficient, effective



## NEXT STEP: Notice of Interest

- General Idea for proposal
- Who, What, Where

Send to: Lindsey Rustad  
**[lindsey.rustad@usda.gov](mailto:lindsey.rustad@usda.gov)**

By June 4<sup>th</sup>  
1 or 2 Paragraphs



- Overall Goals
- Approach
- States, Partners
- Scalability
- Connection interests\*

\* Due to limited capacity, early collaboration is strongly encouraged



Anthony Buda - ARS  
Michel Cavigelli - ARS  
Curtis Dell - ARS  
David Hollinger - FS  
Tina Jerome - NRCS  
Lynn Knight - NRCS  
Karrah Kwasnik  
Erin Lane - FS  
Kate MacFarland - FS  
Elizabeth Marks - NRCS  
Lindsey Rustad - FS  
Amy Scherzer - FS  
Al Steele - FS

Ali Mitchell – NEED  
Rick Rhodes - NERA





# Discussion

## Q&A

