



Climate Learning Network

# Agriculture, Forestry & Climate Learning Network (CLN) October 2015 Update

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## Vision Statement:

*“The Climate Learning Network (CLN) will be a powerful platform that connects Extension and other professionals from the Land Grant University System (LGUS) and the USDA Climate Hubs with innovative, interactive technologies to inform, educate and engage agriculture and natural resources stakeholders to increase climate resiliency of working lands.”*



- Agreement with USDA Office of the Chief Economist and eXtension Foundation
  - Provides a national forum for the Hubs and Extension to work together closely to develop a national network of climate literate educators.
  - Direct connections through professional development for Extension agents, crop advisors, professional foresters, and others.
  - Highlight the use of innovative technologies to connect with stakeholders for measurable impact (eXtension).



# Proposed Products (OCE) – Year 1 (Pilot Project)

## National Deliverables:

- Needs Assessment of Hub leadership (barriers/opportunities) – connecting with LGU's (white paper summary)
- Inventory of current Extension climate training materials (using Tool Shed)





# Proposed Products (OCE)

- Eastern US Regional Deliverables
  - Survey of ag/forestry professionals
  - Six professional development modules
  - Assemble advisory board (Eastern US)
  - Database of ag/forestry professionals





## “PNW Pilot” Program – Year 1.5

- Cooperative agreement with eXtension Foundation to expand pilot program to PNW Hub Region
- Assist with the research translation from the western Wheat CAP - REACCH AFRI CAP (Regional Approaches to Climate Change) into learning modules targeted at extension professionals through the eXtension system.
- Includes expanding stakeholder database and survey to cover PNW region





## Update Deliverables – Year 2-3

- Scope Upgraded to National
  - Professional development modules
  - Advisory board
  - Databases
  - Survey work
  - eXtension engagement



# Major milestones

- Climate hub leader interviews
- Needs assessment white paper
- Database of professionals
- Pilot project module process initiated
- Module topics and speakers identified
- Webinars being delivered
- Module 1 in beta
- Website in beta





# Review of Hub Leadership Needs Assessment

- Overwhelming agreement and interest in working with Extension
  - State and county level
  - Regional level
  - National level
- Hub leaders/directors are interested in learning more about how Extension operates
  - Needs and audience assessments
  - Program delivery and development
    - Interaction with the research community for technology transfer
    - Best “Extension practices” for delivering programs
  - Applied research to improve impact (social network analysis for example)
  - Program evaluation
- What is the most effective way to reach agents and their stakeholders?



# CLN Products





# Climate Learning Network

Education

31 likes +1 this week

28 post reach this week

Reach a new milestone

100 Likes

Promote Page

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Great webinar by Laura Lengnick on #climate resilient #agriculture just wrapped up! Thanks to her and everyone who showed up! #CLNWebinars



Climate Learning Net @climatenet · Oct 15

Still time to register for the 5th of our #CLNWebinars on #climate resilient #ag starting in a few minutes! [goo.gl/KtgmHV](http://goo.gl/KtgmHV)



Climate Learning Net @climatenet · Oct 15

The 5th of our #CLNWebinars begins in 5 minutes! #agriculture #climate #forestry

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## Climate Learning Network



### *Vulnerability Assessments – What we did and what we've learned*

You can [view](#) this archived webinar at any time.

**Dr Chris Swanston discusses how he and his team used the Climate Change Response Framework (CCRF), a cross-boundary approach among scientists, managers, and landowners to incorporate climate change considerations into natural resource management, to create 9 vulnerability assessments on forests across 19 states, involving hundreds of collaborators and co-authors since 2010. He covers the process used to create vulnerability assessments and a few lessons he and his team learned from the experience .**

Dr. Swanston is the project lead for the CCRF as well as a research ecologist with the US Forest Service Northern Research Station and the director of the Northern Institute of Applied Climate Science.



### **Green Savings!**

Click on the graph below or click [here](#) for a detailed Green Savings analysis of this webinar.



**When:**

# Module 1: Communicating Climate Change - Cooperators



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## Climate Change



0:03 / 7:34



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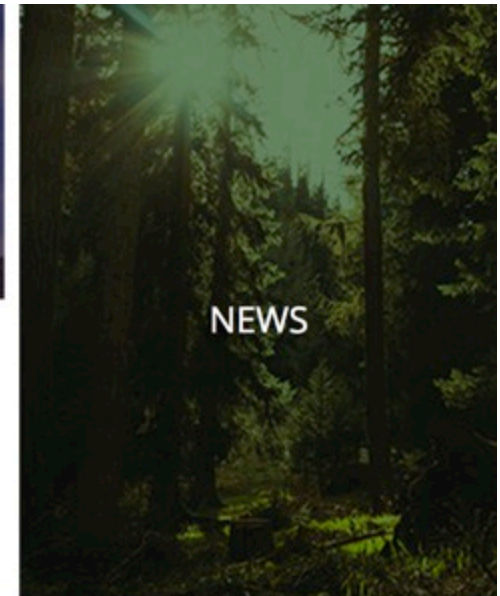
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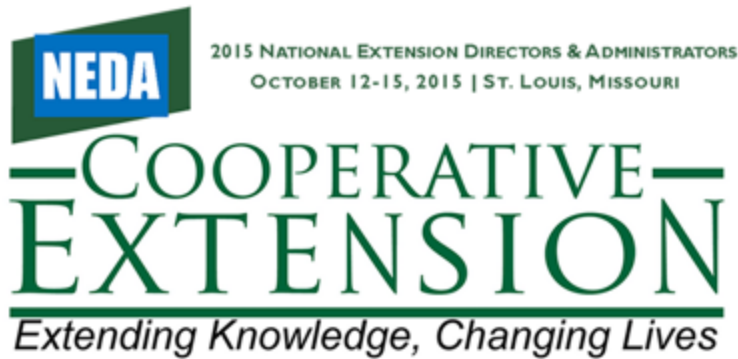
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A Part of the Cooperative Extension System



- The NEW eXtension
  - New CEO, Christine Geith (Michigan State University)
  - Focus on
    - Training Extension Professionals
    - Issues
    - Innovation
    - Impact



- October 14<sup>th</sup> National Extension Directors and Administrators Meeting.
- The NEW eXtension i-Three = Issues, Innovation and Impact
  - Increase Extension professionals' effectiveness in addressing issues of importance.
  - Foster innovation in developing solutions and methods of work.
  - Advance the measurable impact of their work for the public good.



- i-Three Issue Corps
  - Climate is one of two issues (CLN Focus)
  - 200 Extension professionals we will work alongside to make short-term measurable impact on climate.
  - What we learn we will build into our services and tools to benefit the next 2000
  - Nominations open

<https://extensionfoundation.fluidreview.com/>



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## Climate, Forests and Woodlands



### Biodiversity and Climate Change

Climate change poses a significant threat to biological diversity in forests. Learn the major changes that are expected.>[Read More](#)

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## Next Steps

- Survey of Extension professionals
- Completion of first webinar series
- Database of Extension tools (Toolshed)
- Completion of e-Learning modules
- Website Launch
- Expansion to National Program
- March 2016, eXtension i-three Corps summit – Innovation and Impacts



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