



Livestock and Poultry Environmental Learning Center



Represented by: Rick Stowell





What is the Livestock and Poultry Environmental Learning Center?

To participating members:

- A voluntary collaboration of Extension professionals and others looking to share expertise on environmental issues related to animal production

~ 100 'members' from across the U.S.

A recognized 'Community of Practice' (CoP)





What is the Livestock and Poultry Environmental Learning Center?

To our audience/clientele:

- The folks who put together information on 'animal manure management' and place educational resources on the so-named eXtension website

<http://www.extension.org/animal+manure+management>



Animal Manure Management



Live Webcast Information

The next webcast will be on the topic of gasification technologies and will be held on February 21, 2014 at 2:30 pm (eastern). More information will be available...>[Read More](#)

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Resources

[January Newsletter](#)

Topics:

- Air Quality
- Beginning Farmer
- Climate Change
- Environmental Planning
- Feed Management
- Manure Nutrients
- Manure Treatment
- Pathogens
- Regulations
- Small Farms
- Manure Storage, Handling & Mortality
- Economics of Manure

[Archived Webcasts](#)

Our People



Recent Webinars

January 17, 2014

[Capturing Valuable Nutrients from Manure: Part 3](#)

November 21, 2013

[Beef Facilities Conference](#)

September 20, 2013

[Prediction of Bioavailability of Phosphorus for Dairy Cattle](#)

July 19, 2013

[Air Quality and Monoslope Beef](#)

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Tweets

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LPE Learning Center
@LPELC

17 Jan

Excited 4 webinar on capturing nutrients from manure treatment technologies
[connect.extension.iastate.edu/tj](#)
in 10 min #coopext #biodchat



LPE Learning Center
@LPELC

16 Jan

RT @WaterWired Webcast: Capturing Valuable Nutrients from Manure, 17 Jan, 2:30



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United States Department of Agriculture
National Institute of Food and Agriculture

Livestock and Poultry Environmental Learning Center

Mark Risse, University of Georgia ; Joe Harrison, Washington State University; Rick Koelsch and Jill Heemstra, University of Nebraska

Our Vision:

Animal agriculture producers and their advisors should have on-demand access to our nation's best science.

Accomplishments:

- Developed 800 pages of web content and an FAQ database with 266 questions and answers
- Produced over 70 webinars featuring more than 200 experts from land-grant universities, private industry, NGOs and agencies
- Continuing education credits are available for members of several national and state organizations
- The monthly newsletter has over 1500 subscribers
- Website exceeded 270,000 pages views in 2012 and represents the collective expertise of more than 100 national experts
- Became an eXtension community of practice in 2006

<http://www.extension.org/animal+manure+management>



Impacts:

LPELC resources have contributed to ____

- Improved nutrient management plans: 78% said "Yes" - 51% said moderately or significantly
- Better advice to producers: 94% said "Yes" - 69% moderately or significantly
- Improved application of emerging technologies: 93% said "Yes" - 65% moderately or significantly

Do LPELC resources contribute to your work? :

- Used the website to research client's question
 - 70% of extension agents
 - 76% of NRCS staff
- Assisted in recommendation benefitting client
 - 58% of consultants
- Used information in educational programs
 - 74% of extension specialists
- Used information to assist with permit reviews
 - 42% of regulatory agency staff

In 2010, 93% of survey respondents found economic value in information obtained from the LPELC. Their average value placed was \$813.

Future Direction:

The LPELC is expanding its scope and partnering with projects on air quality, beginning farmers, and climate change. These will result in reaching new audiences and addressing additional environmental issues. We continue to seek additional partners for future outreach opportunities.

We remain committed to exploring innovative outreach methods, enhancing existing efforts, and supporting team members in collaboration, and professional development.

Connect with LPELC:

In addition to the website (above), you can find the LPELC on:

- Twitter @LPELC <http://twitter.com/lpelc>
 - YouTube <http://youtube.com/user/lpelc>
 - Facebook <http://facebook.com/lpelc.cop>
- For more: Jill Heemstra jheemstra@unl.edu

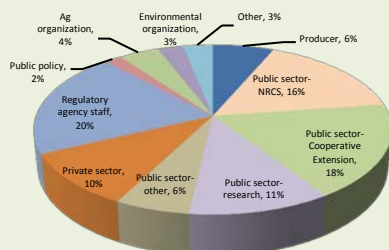


Figure 1. (left): The LPELC webcast audience represents a wide cross-section of animal producers and their advisors.

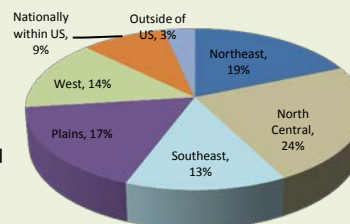
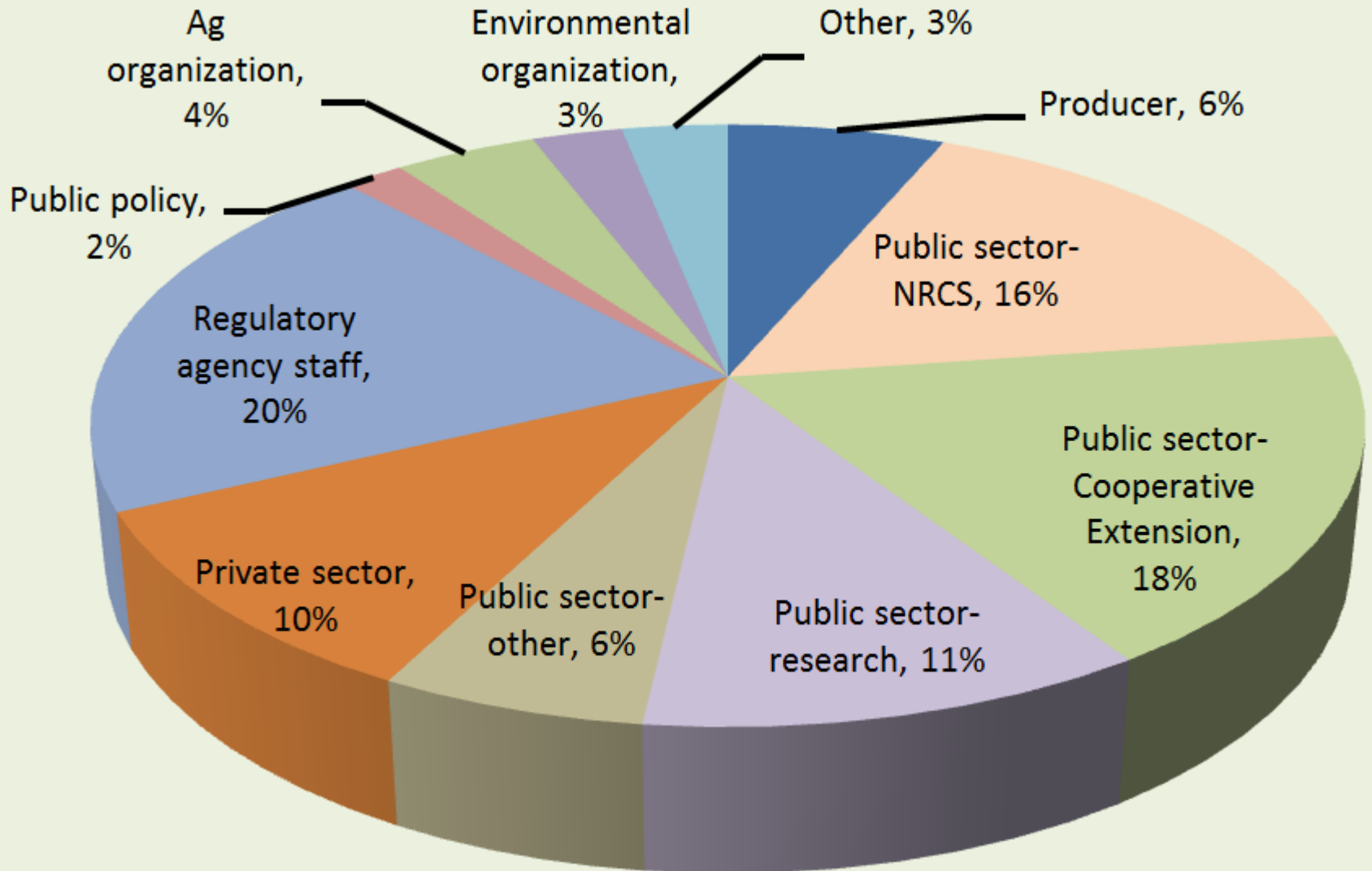


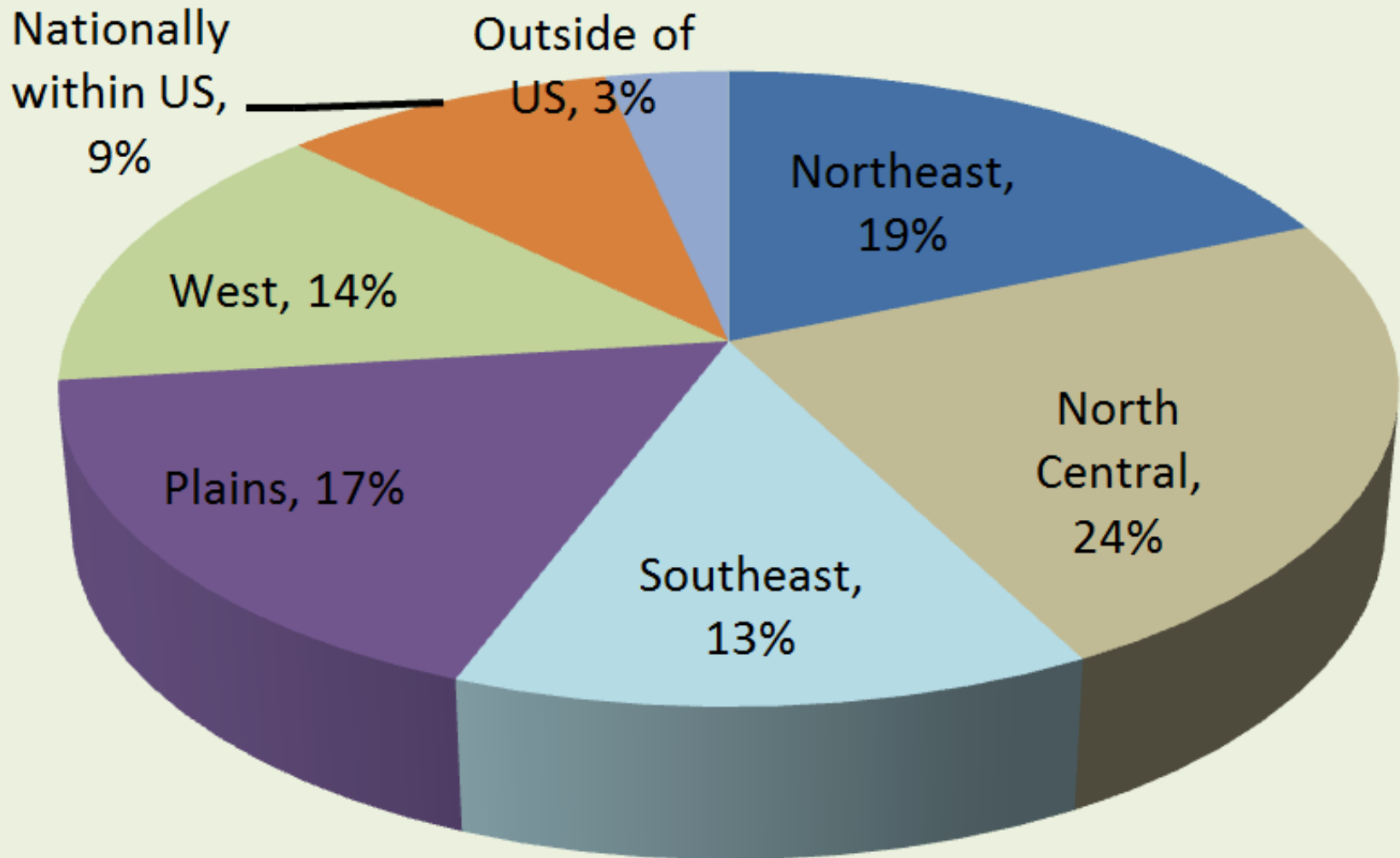
Figure 2. (right): The LPELC has attracted a national audience for the monthly webcast series.

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LPELC Audience - Background



LPELC Audience - Location





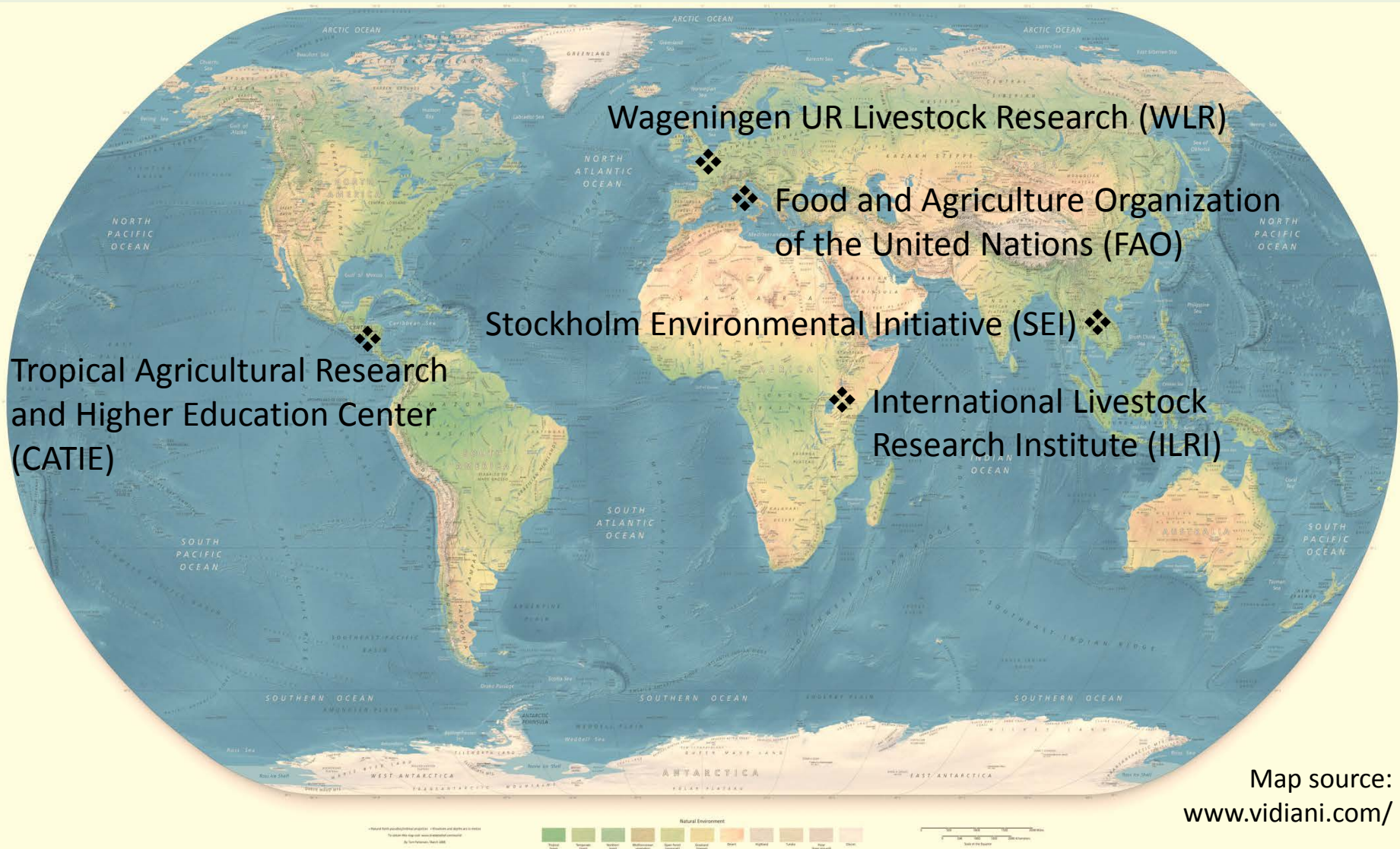
Climate and Clean Air Consortium

Livestock and Manure Management Component

- **Program activities and outputs:**
 - Establishment of a **central knowledge platform** (Manure Management Kiosk) linked to three regional reference centres,
 - Establishment of a **roster of experts** providing assistance to key stakeholders through the kiosk and centres,
 - Establishment of the Manure Management Marketplaces as **networks for relevant stakeholders to exchange information and forge partnerships**,
 - Provision of **technical assistance and training to policymakers, farmers, scientists, and other stakeholders**, including the private sector and civil society.

Climate and Clean Air Consortium

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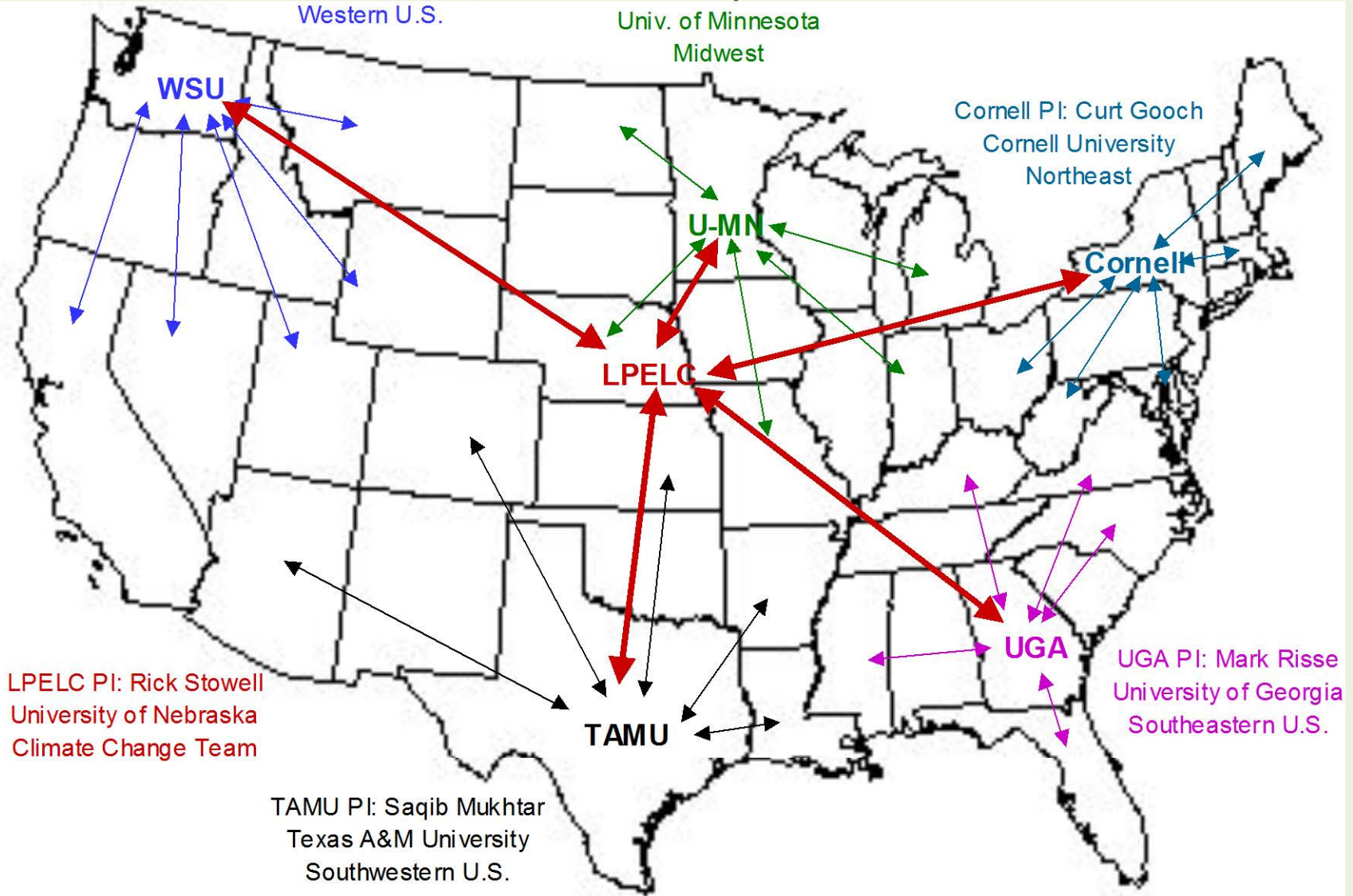


Animal Ag & Climate Change Team

WSU PI: Joe Harrison
Washington State Univ.
Western U.S.

U-MN PI: Larry Jacobson
Univ. of Minnesota
Midwest

Cornell PI: Curt Gooch
Cornell University
Northeast



THANK YOU!

