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**Special December Webcast:**

## Air Quality Regulations Update Focused on Greenhouse Gas Emissions

A change to the 2009 schedule includes the addition of a December presentation to address the recently finalized US EPA Mandatory Greenhouse Gas Reporting Rule. This webcast will include an update on the status of implementation of the manure management section of the rule, with an industry perspective on anticipated impacts. The webcast will also highlight a currently available USDA ARS model for calculating greenhouse gas emissions from dairy facilities and tools that may help producers estimate emissions using the EPA calculation methodology. [More...](#)

**Speakers:** Rick Stowell, University of Nebraska; Al Rotz, USDA ARS; and third speaker, TBA.

**Date/Time:** Friday, December 18, 2010, at 2:30 pm (EST)/1:30 pm (CST)/12:30 pm (MST)/11:30 am (PST).

**How to Participate:** On the day of the webcast, go to [http://www.extension.org/pages/Live\\_Webcast\\_Information](http://www.extension.org/pages/Live_Webcast_Information). First-time viewers should follow the steps at [http://www.extension.org/pages/How\\_Do\\_I\\_Participate\\_in\\_a\\_Webcast?](http://www.extension.org/pages/How_Do_I_Participate_in_a_Webcast?) a few days before the webcast to ensure access to the virtual meeting room.

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**Looking Forward to the January Webcast:**

## Using Rye Cover Crops to Preserve Nutrients after Manure Application

The opening webcast for the 2010 series will focus on something sure to be on most farmers' minds this winter: managing input costs. While cover crops are not a new practice, especially for conservation-minded farmers, Michigan State University research is bringing a new twist to this production practice. Researchers are finding that a cover crop can preserve and recycle manure nutrients, saving significant dollars on spring fertilizer applications. [More...](#)

**Speakers:** Tim Harrigan, Michigan State University and Jeremy Singer, USDA ARS.

**Date/Time:** Friday, January 15, 2010, at 2:30 pm (EST)/1:30 pm (CST)/12:30 pm (MST)/11:30 am (PST).

**How to Participate:** On the day of the webcast, go to [http://www.extension.org/pages/Live\\_Webcast\\_Information](http://www.extension.org/pages/Live_Webcast_Information). First-time viewers should follow the steps at [http://www.extension.org/pages/How\\_Do\\_I\\_Participate\\_in\\_a\\_Webcast?](http://www.extension.org/pages/How_Do_I_Participate_in_a_Webcast?) a few days before the webcast to ensure access to the virtual meeting room.

**LPELC Home page:**  
<http://www.extension.org>  
and click on "Animal Manure Management."

**Continuing Education Units** are available through the Certified Crop Adviser program and American Registry of Professional Animal Scientists [More...](#)

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## New Information on Solid Manure Transport Available on Website

All of the pages on the LPELC website are undergoing their annual review and update. One webpage that has been expanded is: [http://www.extension.org/pages/Costs\\_of\\_Solid\\_Manure\\_Application\\_and\\_Transport](http://www.extension.org/pages/Costs_of_Solid_Manure_Application_and_Transport). This page now discusses cost-share assistance available in some areas for transporting manure longer distances to remove nutrients from vulnerable watersheds. The authors of the page are Ray Massey, University of Missouri, and Josh Payne, Oklahoma State University.

### National Resources

## Several Funding Opportunities Available

### EPA Environmental Education Grants

The Grants Program sponsored by the U.S. EPA's Environmental Education Division, Office of Children's Health Protection and Environmental Education, supports environmental education projects that enhance the public's awareness, knowledge, and skills to help people make informed decisions that affect environmental quality. **Deadline: December 15, 2009.** [More...](#)

### NIFA Organic Agriculture Research and Extension Initiative Grants

The National Institute of Food and Agriculture (NIFA), formerly the Cooperative State Research, Education, and Extension Service (CSREES), announces the release of the FY 2010 Request for Applications for the Organic Agriculture Research and Extension Initiative (OREI). The primary goal of the OREI program is to solve critical organic

agriculture issues, priorities, or problems through the integration of research and extension activities.

**Deadline: February 9, 2010.** [More...](#)

### NIFA Higher Education Challenge Grants

Projects supported by the NIFA Higher Education Challenge Grants Program will: (1) address a State, regional, national, or international educational need; (2) involve a creative or non-traditional approach toward addressing that need that can serve as a model to others; (3) encourage and facilitate better working relationships in the university science and education community, as well as between universities and the private sector, to enhance program quality and supplement available resources; and (4) result in benefits that will likely transcend the project duration and USDA support. **Deadline:**

**February 5, 2010.** [More...](#)

### Spotlight On...

## Research Examines Effectiveness of Nutrient Management Plans

Two related research studies funded by the US EPA examine whether a properly executed nutrient management plan (NMP) protects water from excess nutrient losses. The research also examined which metrics are most practical and useful for measuring excess nutrient applications and losses:

- **U.S. EPA (2009) Hatfield, J.L.** "Metrics for

Nitrate Contamination of Ground Water at CAFO Land Application Site – Iowa Swine Study." (EPA/600/R-09/045) [More...](#)

- **U.S. EPA (2009) Moore, P.A. and D. Brauer.** "Metrics for Nitrate Contamination of Ground Water at CAFO Land Application Site – Arkansas Dairy Study." (EPA/600/R-09/044) [More...](#)

### Call for Abstracts for 2010 Soil & Water Conservation Society Annual Conference Now Open

The conference will be held July 18-21, 2010 in St. Louis, Missouri. Abstracts must be received by December 17, 2009. <http://www.swcs.org/10ac>



This material is based upon work supported by the Cooperative State Research, Education, and Extension Service, U.S. Department of Agriculture, under Agreement No. 2005-51130-03315. Any opinions, findings, conclusions, or recommendations expressed in this publication are those of the author(s) and do not necessarily reflect the view of the U.S. Department of Agriculture.