



## Livestock and Poultry Environmental (LPE) Learning Center

### Educational Webcast Series

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

Sponsored by the: Air Quality Education in Animal Agriculture Project

## Federal Air Quality Regulations for Animal Feeding Operations

**July 18, 2008**

2:30 pm (eastern), 1:30 pm (central), 12:30 pm (mountain), 11:30 am (pacific)

EPCRA, CERCLA, CAA, NAAQS, and NAEMS. Sound like alphabet soup? If you would like to learn more about these air quality programs, join us for the second in a series of air quality presentations sponsored by the Air Quality Education in Animal Agriculture project. This webcast will feature an update on AFO reporting regulations, application of the Clean Air Act for animal operations, and recent developments regarding greenhouse gases, national ambient air quality standards among others. Speakers will also discuss the National Air Emissions Monitoring Study NAEMS, a project monitoring air emissions from roughly 20 livestock and poultry facilities as part of the Air Quality Compliance Agreement for Animal Feeding Operations (commonly known as the 'Consent Agreement'). *Continuing education credit for Certified Crop Advisors (CCAs) and members of the American Registry of Professional Animal Scientists (ARPAS) have been applied for.*



Dr. Albert Heber is a Professor of Agricultural and Biological Engineering at Purdue University. He directs Purdue's Agricultural Air Quality Laboratory and his primary research today is the assessment and mitigation of particulate matter, odor and gas emissions from livestock barns and waste storage, and treatment facilities. Other research has involved science-based separation distance guidelines for US pork and dairy production, testing of odor measurement protocols, pathogen emission and dispersion from swine houses, and odor emission from industrial composting operations. He received his Ph.D. from the University of Nebraska. Phone: (765) 494-1214, E-mail: [heber@purdue.edu](mailto:heber@purdue.edu)

Sally L. Shaver is the Associate Counselor for Agricultural Policy in EPA's Office of Air and Radiation. Her career with U.S. EPA began in the regional office in Atlanta, Georgia, where she was the lead for permitting in the air program before moving to the Centers for Disease Control and Prevention where she worked with the Superfund program. From there she moved back to EPA in North Carolina, where she was responsible for setting and implementing the national ambient air quality standards for several years before spending eight years in charge of the air toxics program. She has led the U.S. delegation on two international task forces and has been a member of USDA's Agricultural Air Quality Task Force since its inception. Ms. Shaver has an M.S. in environmental engineering from Clemson University.

### Links for more Information:

- US EPA information on Air Regulations for AFOs <http://www.epa.gov/agriculture/anafoidx.html#airafos>
- Purdue University National Air Emissions Monitoring Study <https://engineering.purdue.edu/~odor/NAEMS/>

The LPE Learning Center is a project dedicated to the vision that individuals involved in public policy issues, animal production, and delivery of technical services for confined animal systems should have on-demand access to the nation's best science-based resources. See our website at: <http://www.extension.org/animal+manure+management>.

The Air Quality Education in Animal Agriculture project is collaboration of national experts from across the U.S. working to enhance learning opportunities in air quality issues related to animal agriculture. In addition to educational webcasts, the project will develop an air quality curriculum that will be made available for classroom or extension use and conduct regional workshops.