Livestock and Poultry Environmental (LPE) Learning Community
Educational Webinar Series
lpelc.org

Edge of Field Monitoring

January 22, 2021

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

We know that runoff from manured fields can contain nutrients, but how much? In this webinar, we'll discuss results of edge of field studies measuring nitrogen and phosphorus losses at different rates of application, from both manure and fertilizer, with different timing and placement in Ohio. Results of a 20 year-long poultry manure and water quality study in Iowa will also be shared. Additionally, the webinar will provide information about the NRCS Edge of Field water quality monitoring program, including the reporting system.

An application for continuing education credit for Certified Crop Advisors (CCAs) and members of the American Registry of Professional Animal Scientists (ARPAS) will be submitted.

Greg LaBarge is a Field Specialist, Agronomic Systems and Professor with Ohio State University Extension since 2012. Greg began his Extension career as Extension Educator in Fulton County for 25 years. He is a Certified Crop Adviser and Certified Professional Agronomist. Focus areas included nutrient management impacts on crop production and water quality. He has represented the College of Agricultural, Food and Environmental Sciences and OSU Extension at various nutrient management/water quality related events and committees. He has served on the Ohio Phosphorus Task Force-Phase 2, board of the 4R Certified Ag Retailer Program and many other committees incorporating agronomic production and water quality expertise. Phone: 740-852-0975, Email: labarge.1@osu.edu

Karma Anderson leads the NRCS National Water Quality and Quantity Team located in Portland, OR. As a national-level Water Quality Specialist, she leads NRCS water quality training, technical assistance, and technology development of water quality related efforts. She also manages implementation of NRCS' Edge of Field water quality monitoring program. She received her Masters in Environmental Policy from University of Denver, and completed graduate level work in Environmental Conflict Resolution. Phone: 503-273-2431, Email: karma.anderson@usda.gov

Dr. Ramesh Kanwar is a C.F. Curtiss Distinguished Professor in the department of Agricultural and Biosystems Engineering at Iowa State University. Dr. Kanwar's research interests are in the broader areas of water resource and environmental engineering. His primary goal is to develop engineering solutions to emerging global food, human nutrition, water resources and environmental problems as a result of intensive agricultural, livestock, and aquaculture productions systems in agricultural watersheds. He received his Ph.D in Agricultural Engineering from Iowa State University. Phone: 515-294-0417, Email: rskanwar@iastate.edu

How do I participate?

On the day of the webinar, go to lpelc.org/live-webinar-information/ to download the speaker's power point presentations and connect to the virtual meeting room. First time viewers should also follow the steps at: lpelc.org/how-do-i-participate-in-a-webcast/.

The LPELC network depends on the sharing of both questions and answers!

To stay engaged, sign up for the newsletter at lpelc.org/about-us/sign-up/.

The LPE Learning Community 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: lpelc.org.