NRCS has a new technical document entitled “Solid-Liquid Separation Alternatives for Manure Handling and Treatment.” This document brings together both the theory behind solid-liquid separation and the practical application of many different separation technologies. Several farm scale demonstration projects are also summarized in the report. Some of the purposes and uses of this document include assisting in solid-liquid separation technology selection, evaluating separation performance, and quantifying the impact of solid-liquid separation on manure management. This presentation provides an overview of this document including methods of solid-liquid separation, influence of manure characteristics and handling methods, fundamentals of solid-liquid separation, performance of various solid-liquid separation technologies, unique separation technologies and applications and design considerations. 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.

**Jeff Porter** is the National Animal Manure and Nutrient Management Team Leader located at the East National Technology Support Center in Greensboro, NC. His main responsibilities include reviewing and evaluating innovative technologies in manure management, working with states to assist in the transfer of these technologies to help carry out the NRCS mission. After working a short time for the Agricultural Research Service, he transferred to NRCS (SCS at the time) and worked in various Midwestern states, including Michigan, Missouri, and Iowa before accepting a position with the Animal Manure and Nutrient Management Team (formerly Manure Management Team) in September 2006. Jeff grew up on a small farm in southern Indiana. He earned his Bachelor’s and Master’s degrees from Purdue University in Agricultural Engineering. Phone: (336) 370-3342; Email: Jeffrey.porter@gnb.usda.gov

**Dr. Joe Harrison** is a faculty member of the Department of Animal Sciences at Washington State University and has been conducting research and demonstration projects related to livestock nutrient management, including feeding management. Joe will serve as the moderator for this webinar. Phone: (253) 445-4638; Email: jhharrison@wsu.edu

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**For More Information**
- Solid-Liquid Separation Alternatives for Manure Handling and Treatment

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