

# Manure and Soil Health: Current Research and Future Directions

**FEBRUARY 17, 2023**

2:30 PM ET, 1:30 PM CT,  
12:30 PM MT, 11:30 AM PT

Literature reviews and current research show effects of manure on soil health properties. However, because of the variability of both manure, soils, and other agricultural practices, **results of these studies are mixed**. What changes soil health properties in one part of the U.S. may not in other parts of the country. This webinar will highlight these reviews and studies to **reveal what is known now** and how the **results are currently and will continue shape future research** on soil health and manure's effect on it.

*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.*

### Additional Information

- Previous Webinar: Using Manure to Improve Soil Health  
<https://lpec.org/using-manure-to-improve-soil-health/>
- Can Manure Improve Soil Health?  
<https://lpec.org/can-manure-improve-soil-health/>
- Impact of swine manure on soil health properties: A systematic review  
<https://lpec.org/impact-of-swine-manure-on-soil-health-properties-a-systematic-review/>

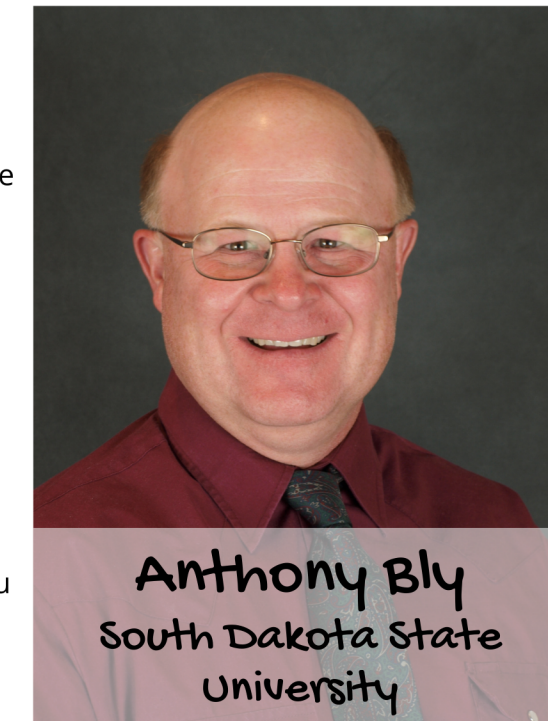
**Linda Schott** is an Extension Specialist and Assistant Professor with the University of Idaho. She specializes on addressing the needs of stakeholders in southern Idaho related to the **impacts of nutrient and livestock manure management and other land management practices on soil health** and water quality. She received her Ph.D. from the University of Nebraska - Lincoln in 2018 and M.S. from Iowa State University in Agricultural Engineering. She is based in Twin Falls, Idaho. Email: lschott@uidaho.edu



**Dr. Teng Teeh Lim** is an extension professor in the Plant Science & Technology department at the University of Missouri. Dr. Lim's program focuses on sustainable manure management and mitigation of odorous emissions from livestock and poultry facilities. Teng will **serve as the moderator for this webinar**. Email: limt@missouri.edu



**Manobendro Sarker** is a graduate student in Biological Engineering at the University of Missouri, Columbia. Previously, he completed MS in Ecology from Shanghai Jiao Tong University, China in 2020. This is the second year of his Ph.D. under Dr. Teng Teeh Lim. Waste management and valorization of organic waste are his main research interests. Sarker is currently working on the **analysis of multi-year soil health and land application of manure data** in Missouri. E-mail: ms59d@missouri.edu



**Anthony Bly** is a Soils Field Specialist with SDSU Extension. He works with crop producers and agronomist to solve soil issues through educational activities developed from unbiased soil and crop research. Anthony's **focus areas include soil fertility, testing, and health factors related to resource management and crop productivity**. Previously, Anthony was employed by the SDSU Plant Science Department as a Research and Extension Associate. He provided the technical expertise to help launch a soil testing lab. Anthony holds a BS and MS degrees in Agronomy from SDSU. Anthony is thankful for the many influential mentors he has worked with at SDSU and tries to exemplify their teachings and examples in his work and life. E-mail: anthony.bly@sdstate.edu

## How do I participate?

If it is your first time joining us for the LPELC webinar series, follow the steps at: [lpec.org/how-do-i-participate-in-a-webcast/](https://lpec.org/how-do-i-participate-in-a-webcast/)

If you are a returning viewer, go to [lpec.org/live](https://lpec.org/live) to download presentations and connect live.



## Livestock and Poultry Environmental Learning Community

The LPELC is a project dedicated to the vision that individuals involved in public policy issues, animal production, and delivery of technical services for confined animals systems should have on-demand access to the nation's best science-based resources. See our website at: [lpec.org](https://lpec.org)

