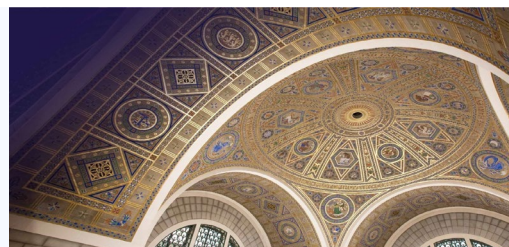


Assistance to the U.S. Department of
Agriculture in Building a Framework for
Addressing PFAS on Agricultural Land
Meeting 2 (Virtual) — March 11–12, 2025
Public Agenda



TUESDAY, MARCH 11, 2025 (ET)

Open session

3:30

Welcome

Jim Ippolito, The Ohio State University

3:35

Overview of the National Academies study process

Kara Laney, National Academies of Sciences, Engineering, and Medicine

3:45

The USDA Agricultural Research Service (ARS) PFAS Research Enterprise, the USDA–ARS and University of Maine PFAS Workshop, and the USDA–ARS and University of Maine PFAS Center of Excellence: The ARS Vision for Excellent Science to Address PFAS Issues in Agriculture

David B. Knaebel, USDA–ARS

4:05

Farm Practices and PFAS in Food Crop Production Systems

Clinton Williams, USDA–ARS

4:25

Identifying Microorganisms and Environments that Enhance the Degradation and Reduce the Half-life of PFAS

Jude Maul, USDA–ARS

4:45

Committee discussion with speakers

5:00

Adjourn Day 1

WEDNESDAY, MARCH 12, 2025 (ET)

Open session

1:00

Welcome

Jim Ippolito, The Ohio State University

1:10

PFAS Fate in Agricultural Systems: Developing Data Useful for Informing Conservation Policy

Sara Lupton, USDA–ARS

- 1:30** **Finding Solutions to Mitigate the Impacts of PFAS Contamination on Agriculture and Food Systems**
David J. Smith, USDA–ARS
- 1:50** **Committee discussion with speakers**
- 2:30** **Adjourn meeting**

SPEAKER BIOS

DAVID B. KNAEBEL, USDA–ARS

Dave Knaebel is the Senior Management Advisor for the Natural Resources and Sustainable Agricultural Systems Program Area of the U.S. Department of Agriculture's Agricultural Research Service (ARS). He leads efforts related to the intersection of agricultural productivity and sustainability as affected by PFAS. From October 2016 to June 2022, he was the ARS National Program Leader for Soil Biology. David previously worked in academia and industry, studying the fate and transport of toxic chemicals. He holds a Ph.D. in Biological Sciences from the University of Cincinnati.

SARA LUPTON, USDA–ARS

Sara Lupton has been a Research Chemist with the Food Animal Metabolism Research Unit at the Edward T. Schafer Agricultural Research Center in Fargo, North Dakota, within the Agricultural Research Service (ARS) of the U.S. Department of Agriculture (USDA) since 2010. Sara serves as the ARS lead scientist for the USDA's Dioxin Survey conducted with USDA's Food Safety and Inspection Service every 5 years in domestic meat and poultry. Her other research includes the fate of animal drugs and environmental contaminants in lab and food animals and investigation of environmental contaminant sources (feed, water, housing, etc.) that contribute to chemical residue levels in food animals. Sara has conducted research on bioavailability, accumulation, distribution, excretion, and mitigation of PFAS compounds in food animals for more than 10 years. She earned her Ph.D. in Environmental Analytical Chemistry from the State University of New York College at Buffalo.

JUDE MAUL, USDA–ARS

Jude Maul is a research ecologist with the U.S. Department of Agriculture's Agricultural Research Service. His research program determines how land use management and agroecosystem decision making impact soil health and plant and microbial ecology. He studies the microbiomes important for sustainable agricultural production by understanding soil ecology, biogeochemistry, and plant genomics. The results are used to enhance our ability to build sustainable, productive, and multifunctional agroecosystems. Biogeochemical and molecular ecological methods are used to identify linkages between landscape scale management decisions and micro-scale soil, microbial and plant molecular processes. Jude completed a Ph.D. in Horticulture and Biogeochemistry in 2007 at Cornell University.

DAVID J. SMITH, USDA–ARS

David J. Smith is a Supervisory Research Physiologist with the Edward T. Schafer Agricultural Research Center within the Agricultural Research Service of the U.S. Department of Agriculture. His research focuses on the absorption, distribution, and depuration of PFAS residues in food animals for which few data exist and on determining the fate of PFAS during carcass composting. He also investigates the absorption, distribution, metabolism, and excretion of emerging and legacy chemicals in food animals and develops and validates sensitive and accurate rapid analytical tools to detect emerging and legacy residues in food animals and food animal systems.

CLINTON WILLIAMS, USDA–ARS

Clinton Williams is the research leader of Plant and Irrigation and Water Quality Research units at the U.S. Arid Land Agricultural Research Center within the Agricultural Research Service of the U.S. Department of Agriculture. Clinton has been actively engaged in environmental research focusing on water quality and quantity for over 20 years. He looks for ways to increase water supplies through the safe use of reclaimed waters. His current research is related to the environmental and human health impacts of biologically active contaminants (e.g., PFAS, pharmaceuticals, hormones, and trace organics) found in reclaimed municipal wastewater and the associated impacts on soil, biota, and natural waters in contact with wastewater. His research is also looking for ways to characterize the environmental loading patterns of these compounds while finding low-cost treatment alternatives to reduce their environmental concentration using byproducts capable of removing the compounds from water supplies.