



WRF - EPA Biosolids Stakeholder Collaboration and Engagement Workshop Unregulated Organic Chemicals (UOCs) in Biosolids: Prioritization, Fate, and Risk Evaluation for Land Applications (EPA 84024501)

March 25, 2024 (7:30 am – 1:00 pm)

Purdue University

[Beck Agricultural Center \(purdue.edu\)](https://www.purdue.edu/BeckAgriculturalCenter)

Lafayette, Indiana

Agenda

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| 7:30 am | Breakfast and Networking |
| 8:00 am | Welcome from WRF/Introductions (Lola Olabode, The Water Research Foundation) |
| 8:10 am | Overview of WRF Biosolids Research and Activities (Ashwin Dhanasekar, The Water Research Foundation) |
| 8:15 am | Why Collaboration and Engagement on UOC in Biosolids is Essential? (Maile Lono-Batura, The Water Environment Federation) |
| 8:20 am | Project Updates (Task 1-5)
Task 1 – Conduct data mining and modeling to prioritize UOCs (Drew McAvoy, University of Cincinnati, OH)
Task 2 - Develop rapid standard methods for measuring mobile and bioavailable fractions of UOCs in biosolids. (Linda Lee, Purdue University, IN)
Task 3 - Conduct field studies under different application scenarios at various sites to support a national approach (Drs Jay Gan University of California, Riverside, and Dr. Linda Lee, Purdue University, IN)
Task 4 – Evaluate risk assessment fate and transport models for their prediction accuracy using literature, laboratory, and field derived data Dr. Drew McAvoy, University of Cincinnati, OH)
Task 5 – Work closely with industry partners and community stakeholders (Maile Lono – Batura, Water Environment Federation-WEF) |
| 9:45 am | Break |
| 10:00 am | Open House – Participants Visit Each Station to Provide Input: <ul style="list-style-type: none">- Compound prioritization – (Drew McAvoy)• Goal: provide practitioner input on the development of a <i>potential</i> guidance document for implementation of the new methods and tools and improve knowledge of the new methods and tools for possible facility adoption.<ul style="list-style-type: none">- Effective engagement and communication approaches with WWTPs - (Maile Lono-Batura)• Goal: increase understanding and trust across sectors.<ul style="list-style-type: none">- Gaps/needs for informing system-based solutions - (Jay Gan & Linda Lee)• Goal: provide state of the knowledge needs to ensure decision making in the safe use of biosolids through land applications in the U.S. |
| 11:30 am | Open House Report Outs, Discussion and Q&A |
| 12:30 pm | Lunch (boxed working) |
| 1:00 pm | Adjourn |

