



**WWM International**

The Resource Recovery People

A 501 (C) (3) Organization

**UF IFAS**

UNIVERSITY of FLORIDA

**UIC**



**ONE HEALTH CENTER  
OF EXCELLENCE**

# **INTERNATIONAL RESOURCE RECOVERY CONFERENCE & EXPO on WATER, WASTE MANAGEMENT and ENERGY**

**IN COLLABORATION WITH  
UNIVERSITY OF FLORIDA and ONE HEALTH**

**May 17 to 19, 2026, Gainesville, Florida**

**Water & Waste Water**

**Solid Waste Management**

**One Health**

**Energy**

The Water and Waste Management International (WWMI), UF Institute of Food and Agricultural Sciences, One Health, and UIC Energy Resources Center conference planning committee invites abstract submission for the 2026 International Resource Recovery Conference to be held in the heart of Florida, on the beautiful campus of University of Florida in Gainesville. Submissions are welcomed from students, researchers, educators, water and waste managers, energy experts, occupational health professionals, leading entrepreneurs and corporates and other professionals from across the globe on the topics mentioned above.

**Abstract Submission:** 300 words max to be submitted electronically [here](#).

**The deadline to submit abstracts is : February 25, 2026. Expect Notification of Acceptance by March 10, 2025**



## Speaker Tracks

### Track 1 : Water and Wastewater

- Water Resource Management for Conservation, Distribution, and Access
- Discharge Compliance: Aligning Industrial and Municipal Effluents with Regional Standards
- Rainwater Harvesting and Urban Recharge: Combat Flooding and Water Scarcity
- Advancing Wastewater Systems: Emerging Technologies for Centralized and Decentralized Management
- Digital Transformations in the Water Sector: Enhancing Efficiency and Decision-Making
- Navigating Contaminants: Managing PFAS and Microplastics Innovative Treatment Frontiers: Biological and Thermal Processes
- Agricultural Water Use: Sustainable Practices for a Water-Secure Future
- Bridging the Gap: Tailored Wastewater Solutions for Small and Mid-Level Communities
- Integrated Water Management Under Climate Change: Mitigating Impacts and Building Resilience.

### Track 2 : Solid Waste Management

- Zero Waste Management
- 4R Principles: Reduce, Reuse, Recycle, Recover
- Waste Regulations and Policies
- Advanced Waste Characterization
- C&D Waste Recycling and Reuse
- Natural Disaster Debris Strategies
- Landfill Design and Monitoring
- Leachate Recirculation and Bioreactors
- Landfill Gas Management and Use
- Landfill Mining and Reclamation
- Energy Recovery and Waste-to-Energy
- Data-Driven Waste Optimization.

### Track 3 : One Health

- Understand Complex, Interconnected Health Challenges
- Role of Environmental Factors in Disease Emergence
- Informal waste workers & occupational health
- Informal water access & health equity
- Water quality, pathogens & antimicrobial resistance (AMR)
- Plastic waste & health
- Indoor air pollution from biomass burning
- Mental health stress from unreliable electricity
- Waste-to-energy (WtE) & health trade-offs
- Urban heat islands, cooling demand, heat stress
- Floods, cyclones, earthquakes debris, dead animals, sewage overflow

### Track 4 : Energy

- Developing Decarbonization and Sustainable Energy
- Pathways Setting and Achieving Net-Zero Goals
- Lowering Energy Costs Through Strategic Energy Management
- Energy Efficiency Success Stories
- Enhancing Energy Resiliency
- Advancing Innovative Energy Technology Solutions
- Integrating Onsite Energy, Renewables, and Combined Heat and Power
- Analyzing Pollution Prevention Strategies
- Case Studies.

**WWM International :** Water and Waste Management International (WWMI) diverse, not-for-profit collective of academicians, scientists, experts, consultants, engineers, and other professionals who work in the field of water, energy, and waste management for resource recovery and focused in the South Asia and Middle Eastern Countries. With an average experience of about 20+ years, the Group provides a global platform for Governments, Industry, and the Public to share the knowledge and expertise for sustainable living and environmental development. Registered in Illinois, USA with IRS-recognized 501(C) (3) status WWMI has currently 500 plus members supporting from USA, Australia, Canada, Europe, Singapore, Turkey, Saudi Arabia, UAE, Thailand, Nepal, and India.

For more information visit our website: <https://wwminternational.org/>

### Institute of Food and Agricultural Sciences (IFAS), University of Florida:

The University of Florida's Institute of Food and Agricultural Sciences (UF/IFAS) is a federal-state-county partnership dedicated to developing knowledge in agriculture, human and natural resources, and the life sciences. UF/IFAS fulfills the university's land grant mission - working to enhance and sustain the quality of human life through its research facilities, Extension services offered in every Florida county, and top-ranked education at the UF College of Agricultural and Life Sciences. In addition, research, teaching, and Extension efforts help sustain and support 8,862 jobs across the Sunshine State. Specifically, UF/IFAS employs more than 2,000 faculty and staff statewide, including 375 Extension agents. These professionals work from UF/IFAS offices in each of Florida's 67 counties, as well as at the University of Florida main campus in Gainesville.

For more information visit our website: <https://ifas.ufl.edu/>

**Energy Resources Center UIC:** The Energy Resources Center (ERC), based out of the UIC College of Engineering, is an interdisciplinary public service, applied research, and special projects organization that strives to provide solutions to today's energy and environmental challenges and opportunities. The ERC provides expertise in the areas of bioenergy, energy efficiency, distributed generation and renewables, utility data analytics, sustainable landscapes, clean transportation and workforce development. Since 1973, the ERC has been providing comprehensive and up-to-date solutions to energy and environmental challenges and today is staffed by a uniquely diverse and highly experienced group of professional engineers, economists, architects, computer scientists, educators, and public policy analysts.

For more information visit our website: <https://erc.uic.edu/>

**One Health Center of Excellence:** The One Health Center of Excellence in Research and Training at UF was established in 2010 to embrace and promote the One Health vision in UF's comprehensive campus which hosts Colleges of Agriculture and Life Sciences, Medicine, Public Health and Health Professions and Veterinary Medicine. It is an integrated, unifying approach that aims to sustainably balance and optimize the health of people, animals, and ecosystems. It recognizes the health of humans, domestic and wild animals, plants, and the wider environment (including ecosystems) are closely linked and interdependent.

The approach mobilizes multiple sectors, disciplines, and communities at varying levels of society to work together to foster well-being and tackle threats to health and ecosystems, while addressing the collective need for healthy food, water, energy, and air, taking action on climate change and contributing to sustainable development.

For more information visit our website: <https://onehealth.phhp.ufl.edu/>