

**NOWRA Conference Day 1 - Monday, October 31, 2022**

Sessions are color-coded for each breakout time. \*Updates may be made prior to the conference (version 9-29-2022)

Room	Scheduled Time	Presentation/Topic	CEU Credit					
			Accepted/General	Basic Installer	Advanced Installer	Inspector	OSE	Perc Tester
Oklahoma/Illinois	8:00-8:30	Welcome	0.00	0.00	0.00	0.00	0.00	0.00
Oklahoma/Illinois	8:30-9:15	Septic Systems - Looking Back and Moving Forward	0.75	0.00	0.00	0.00	0.00	0.00
Oklahoma/Illinois	9:15-10:00	Lessons Learned from Horizon Scanning Focusing on Research	0.75	0.00	0.00	0.00	0.00	0.00
Oklahoma/Illinois		Attend both above sessions for CEUs						
Oklahoma/Illinois	10:00-10:45	Break - Exhibits Open						
Oklahoma/Illinois	10:45-11:10	US EPA Update	0.50	0.00	0.00	0.00	0.00	0.00
Oklahoma/Illinois	10:45 -11:15	USDA Update	0.50	0.00	0.00	0.00	0.00	0.00
Oklahoma/Illinois	11:15 - 11:45	How Nowra Represents Your Interest in Washington DC	0.50	0.00	0.00	0.00	0.00	0.00
Oklahoma/Illinois	11:45-12:00	NOWRA Announcements and Setting the Stage	0.00	0.00	0.00	0.00	0.00	0.00
Oklahoma/Illinois		Attend above sessions for CEUs						
	12:00-1:30	Lunch Break						
Oklahoma	1:30-1:55	Identifying Priority Education, Training, and Outreach Needs	0.00	0.00	0.00	0.00	0.00	0.00
Arkansas	1:30-1:55	How-To Guide for Wastewater Management of Rural, Underserved Communities	0.00	0.00	0.00	0.00	0.00	0.00
Colorado A	1:30-1:55	Wastewater Surveillance for COVID-19: Here to Stay?	0.00	0.00	0.00	0.00	0.00	0.00
Colorado B	1:30-1:55	Decentralized Wastewater Treatment Funding Needs, Challenges, and Solutions	0.00	0.00	0.00	0.00	0.00	0.00
Illinois	1:30-2:25	Fostering the Use of Nitrogen and Phosphorus Removing Septic Systems in Cayuga County NY	0.00	0.00	0.00	0.00	0.00	0.00
Kansas	1:30-2:25	Continuing Education Tracking	1.00	1.00	1.00	1.00	1.00	1.00
Oklahoma	2:00-2:25	Identifying Priority Research Questions for Onsite Wastewater Recycling Research	0.00	0.00	0.00	0.00	0.00	0.00
Arkansas	2:00-2:25	Wastewater Needs for Rural Underserved Communities-The Alabama Black Belt	0.00	0.00	0.00	0.00	0.00	0.00
Colorado A	2:00-2:25	Contaminants of Emerging Concern Mobilization in Crop Field App of Septage	0.50	0.50	0.50	0.00	0.50	0.00
Colorado B	2:00-2:25	Addressing Pollution from Failing OSSFs through a Local Financial Assistance Program in Texas	0.00	0.00	0.00	0.00	0.00	0.00
Oklahoma	2:30-2:55	Identifying Priority Practice Needs on the Horizon for Onsite Wastewater Recycling	0.50	0.00	0.00	0.00	0.00	0.00
Arkansas	2:30-2:55	The Hydraulic Performance and Treatment Capabilities of a Hybrid Sand Filter in the Alabama Black Belt	0.50	0.00	0.50	0.00	0.50	0.00
Illinois	2:30-2:55	Biological Nitrogen Removal for Passive Treatment Systems Using Saltwater Toilet Flushing	0.00	0.00	0.00	0.00	0.00	0.00
Colorado A	2:30-2:55	Residential Housing Development Rule in MO	0.50	0.50	0.50	0.00	0.00	0.00

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Colorado B	2:30-2:55	Septic Remediation Pilot Programs in Priority Arkansas Watersheds	0.00	0.00	0.00	0.00	0.00	0.00
Kansas	2:30-2:55	Education Associated with the On-Site Waste Treatment Industry at the University of Georgia	0.50	0.50	0.50	0.50	0.50	0.00
	3:00-3:45	Break						
Oklahoma	3:45-4:40	Evaluation and Application of Biochar and Iron Materials in Septic Systems	0.00	0.00	0.00	0.00	0.00	0.00
Arkansas	3:45-4:40	Understanding Sociotechnical Barriers to Decentralized Wastewater Management in the Rural Alabamas Black Belt	0.00	0.00	0.00	0.00	0.00	0.00
Illinois	3:45-4:40	Nitrogen & Phosphorus Removal Utilizing Microbial Inoculator and Nutrient Removal Devices	0.00	0.00	0.00	0.00	0.00	0.00
Colorado A	3:45-4:40	Case Sutedies of Engineered Systems for Site Limitations in On-site Soil Treatment Systems	1.00	0.50	1.00	0.00	0.50	0.00
Colorado B	3:45-4:40	Nassau County NY's Nitrogen Reducing Septic System Grant Program	0.00	0.00	0.00	0.00	0.00	0.00
Kansas	3:45-4:40	REEU Program at TAMU: Getting Undergraduate Students excited about Onsite Wastewater Treatment and Reuse	0	0	0	0	0	0

**NOWRA Conference Day 2 - Tuesday, November 1**

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Room	Scheduled Time	Presentation/Topic	CEU Credit					
			Accepted/General	Basic Installer	Advanced Installer	Inspector	OSE	Perc Tester
Illinois	8:00-8:25	Top Wastewater Treatment Myths	0.50	0.50	0.50	0.00	0.50	0.00
Kansas	8:00-8:25	The Need to Mandate Openings at Surface on Septic Tanks	0.50	0.50	0.50	0.00	0.00	0.00
Colorado A	8:00-8:25	Distributed Wastewater Treatment Systems - Giving the Septic Industry Another Option	0.00	0.00	0.00	0.00	0.00	0.00
Oklahoma	8:00-8:55	Overcoming Challenging and Difficult Sites	1.00	0.50	1.00	0.00	0.50	0.00
Arkansas	8:00-8:55	How to Work with Regulatory Agencies to Promote OWTS Inspections	1.00	0.00	0.00	1.00	0.00	0.00
Colorado B	8:00-8:55	A Method to Assess the Hydraulic Loading Rate of a Marginal Soil for Drip Distribution	1.00	0.00	0.00	0.00	1.00	0.50
Illinois	8:30-8:55	Forgotten Factors Needed in Wastewater Treatment System Design	0.50	0.50	0.50	0.00	0.00	0.00
Kansas	8:30-8:55	Is There a Case for Broader Nationwide Onsite Wastewater Regulations?	0.00	0.00	0.00	0.00	0.00	0.00
Colorado A	8:30-8:55	Decentralized Strategies and Solutions for Small Communities	0.50	0.50	0.50	0.00	0.00	0.00
Oklahoma	9:00-9:55	Creative Engineering for Onsite Coastal Properties	1.00	0.00	1.00	0.00	0.00	0.00
Illinois	9:00-9:55	Pump Sizing and Choosing the Right Pump for the Application	1.00	1.00	1.00	0.00	0.00	0.00
Kansas	9:00-9:55	Reforming National and State Policies to Reduce Inequity of Safely Managed Sanitation	0.00	0.00	0.00	0.00	0.00	0.00
Colorado A	9:00-9:55	Decentralization in the Context of Resilient Utilities: North Carolina Viable Utility Program	0.00	0.00	0.00	0.00	0.00	0.00
Arkansas	9:00 - 9:55	Inspecting Advanced Technologies/Things to Know from the Manufacturer	1.00	0.00	0.00	1.00	0.00	0.00
Colorado B	9:00-9:55	Improve Performance of Drip Irrigation in OSSF Systems in Texas	1.00	0.00	1.00	0.00	0.00	0.00
	10:00-10:45	<b>Break/Exhibit Hall</b>						
Oklahoma	10:45-11:40	Reduced Disposal Area Performance Utilizing Secondary-Treated Effluent in Profile Limiting Soils	1.00	1.00	1.00	0.00	1.00	0.00
Illinois	10:45-11:40	A Close Look Inside Concrete and How to Make the Most Durable Wastewater Treatment Tanks	1.00	1.00	0.00	0.00	0.00	0.00
Kansas	10:45-11:40	EPA's Decentralized Wastewater Program Update	0.50	0.00	0.00	0.00	0.00	0.00
Arkansas	10:45-11:40	Septic Super Sleuth - Evaluating those "rarities" found during an OWTS Inspection	1.00	0.00	0.00	1.00	0.00	0.00
Colorado B	10:45-11:40	Drip Irrigation 101	1.00	0.00	1.00	0.00	0.00	0.00

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	<b>11:45-1:00</b>	<b>LUNCH</b>						
Illinois	1:00-1:25	Delivering More Efficient and Scalable O&M with Modern Remote Monitoring	0.50	0.50	0.50	0.50	0.00	0.00
Kansas	1:00-1:55	Low Pressure Pipe System Design and Construction	1.00	0.00	1.00	0.00	0.00	0.00
Colorado A	1:00-1:25	Characterizing OSSF Wastewater Streams in Texas RV parks	0.50	0.50	0.50	0.00	0.00	0.00
Oklahoma	1:00-1:55	Electricity for Onsite Wastewater Systems	1.00	1.00	1.00	0.50	0.00	0.00
Colorado B	1:00-1:55	Don't Kill Your Golden Goose Protect & Perpetuate Your Business	0.00	0.00	0.00	0.00	0.00	0.00
Arkansas	1:00-1:55	Hydraulic Load Testing - Why, When, and How - What the OWTS Inspector Needs to Know	0.00	0.00	0.00	0.00	0.00	0.00
Illinois	1:30-1:55	Automation in Onsite Systems: Progress, Future, and Classification System	0.50	0.50	0.50	0.50	0.00	0.00
Colorado A	1:30-1:55	Convenience Store Wastewater	0.50	0.50	0.50	0.00	0.00	0.00
Illinois	2:00-2:55	WiFi Survival Guide for the Septic Installer	1.00	1.00	1.00	1.00	0.00	0.00
Oklahoma	2:00-2:55	Setbacks, The Forgotten Inconvenience	1.00	1.00	1.00	0.00	0.00	0.00
Colorado B	2:00-2:55	Working with Industry, Not Against	1.00	0.00	0.00	0.00	0.00	0.00
Kansas	2:00-2:55	Achieving Secondary Wastewater Treatment Standards using Zero-Energy Technology	1.00	1.00	1.00	1.00	0.50	0.00
Arkansas	2:00-2:55	Important Points for Inspecting Drip Irrigation Systems	1.00	0.00	0.00	1.00	0.00	0.00
Colorado A	2:00-2:55	Domestic Strength, Really?	1.00	1.00	1.00	0.00	0.00	0.00
	<b>3:00-3:30</b>	<b>Break</b>						
Illinois	3:30-4:25	Impact of Cumulative Sludge Release from OWWTS	1.00	1.00	1.00	0.00	0.00	0.00
Oklahoma	3:30-4:25	Design Aspects of Time Dosing and Flow Equalization	1.00	1.00	1.00	0.00	0.00	0.00
Kansas	3:30-4:25	Strategic Site Evaluation	1.00	1.00	1.00	0.00	1.00	0.00
Colorado A	3:30-4:25	Overcoming the Challenges of High Strength Waste in OSTDS Panel Discussion	0	0	0	0	0	0