



# 2023 CONFERENCE AGENDA



Saturday, October 21, 2023		
Start	Finish	
8:00 AM	3:00 PM	OPTIONAL VOWRA Scholarship Golf Tournament, Newport News, VA
Sunday, October 22, 2023		
Start	Finish	
8:30 AM	11:30 AM	NOWRA Board of Directors Meeting, Mercury Room, Embassy Suites
11:00 AM	5:30 PM	Registration Open, Registration Desk, TBD
12:00 PM	5:00 PM	Optional Pre-Conference Drip Workshop, Convention Center, Room 201/202
1:00 PM	5:00 PM	Exhibitor Move-In, Convention Center, Hall A
4:00 PM	6:00 PM	(tent) Joint Corporate Members/Government Relations Committee Meeting, Room TBD
6:00 PM	8:00 PM	Welcome Reception, Embassy Suites Atrium (tent)
Monday Morning, October 23, 2023		
7:00 AM	5:00 PM	Registration Open, Registration Desk, TBD
7:00 AM	8:00 AM	Light Continental Breakfast in Exhibit Hall
7:00 AM	6:00 PM	Exhibit Hall, Convention Center
Opening General Session, Ballroom A-C		
8:00 AM	8:20 AM	<p style="text-align: center;"><b>Conference Welcome</b>  <i>Danna Revis, President, VOWRA; Kim Seipp, President, NAWT;                      Travis Sterner, President, SORA; and Allison Blodig, President, NOWRA</i></p>
8:20 AM	9:00 AM	<p style="text-align: center;"><b>Alabama Black Belt Unincorporated Communities: "Building Wastewater Infrastructure That Will Last Because People Matter"</b>  <i>Sherry Bradley, Blackbelt Unincorporated WWP (confirmed)</i></p>
9:00 AM	9:45 AM	<p style="text-align: center;"><b>Small Steps Lead to Big Results</b>, Lance Gregory, Virginia Department of Health</p>
9:45 AM	10:15 AM	<p style="text-align: center;"><b>Break in Exhibit Hall</b></p>
10:15 AM	10:45 AM	<p style="text-align: center;"><b>US EPA Update - Andrew Sawyers, Director, Office of Wastewater Management (Invited)</b></p>
10:45 AM	11:15 AM	<p style="text-align: center;"><b>USDA Update - Steven Polacek, Assistant Administrator (confirmed)</b></p>
11:15 AM	11:45 AM	<p style="text-align: center;"><b>Lobbying Efforts on Behalf of Onsite and Decentralized Wastewater, Tim Perrin, Polsinelli, LLC</b></p>
11:15 AM	12:00 PM	<p style="text-align: center;"><b>NOWRA Announcements and Setting the Stage, Allison Blodig, NOWRA President</b></p>

# 2023 MEGA-CONFERENCE AGENDA

## Monday Afternoon, October 23, 2023

12:00 PM	1:30 PM	<b>Lunch Provided in Exhibit Hall</b>					
		<b>Poster Presentations in Exhibit Hall</b>					
12:00 PM	1:30 PM	<b>State Affiliates Committee Meeting, Room 201/202</b>					
12:00 PM	1:30 PM	<b>TBD Committee Meeting, Room 203/204</b>					
Track Topic		State Leader	Nutrients	Hydraulics	Problem Solving	Policy	Environmental Justice
Track Number		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
Room		<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>
Start	Finish						
1:30 PM	1:55 PM	Panel: State Association Management and Membership Growth - Trantham and others	Reduction in Groundwater Transport of Nitrate - Humphrey	Hydraulic Engineering Principles for Onsite Installers - Lentz	Tips and Tricks to Locating System Components - Fiedler	Closing America's Wastewater Access Gap - Lowenstein	What Does "Environmental Justice" Mean (To Us)? - Christiansen
2:00 PM	2:25 PM		Evaluating Nitrogen Treatment in NC's Piedmont - Iverson				Environmental Justice: Water and WW Infrastructure - Pradhan
2:30 PM	2:55 PM		Attenuation and Mobilization of Phosphorus - Zeng				Improve Performance of Drip Irrigation - Bonaiti
3:00 PM	3:45 PM	<b>Break in Exhibit Hall, Poster Presentations in Exhibit Hall</b>					
3:45 PM	4:10 PM	State Wastewater Association Tool Kit - Goguen	Microbes Responsible for Nitrogen Transformations - Sherman	Ksat of High Shrink Swell Soil Horizons - Thomas	Eco-Design - Belanger	Panel: Funding Septic System Repairs - Degen	Affordability of Wastewater Management in Alabama - Maxcy-Brown
4:15 PM	4:40 PM						Role of Onsite in Sustainable Community Development - Radich
4:45 PM	6:00 PM	<b>Reception in Exhibit Hall</b>					
		<b>Poster Presentations in Exhibit Hall</b>					
6:30 PM	10:30 PM	<b>OPTIONAL: Off-Site Social Event - Preregistration Required</b>					
		<b>Virginia Air &amp; Space Science Center, Bus Transportation Provided</b>					

# 2023 MEGA-CONFERENCE AGENDA

## Tuesday Morning, October 24, 2023

7:00 AM	8:00 AM	Light Continental Breakfast in Exhibit Hall					
7:00 AM	8:00 AM	VOWRA Annual Business Meeting, Room TBD, Convention Center					
7:00 AM	8:00 AM	TBD Committee Meeting, Raptor Board Room, Embassy Suites Hotel					
7:00 AM	1:00 PM	Exhibit Hall Open					
7:00 AM	4:30 PM	Registration Open					
Track Topic		Education	Nutrients 2	Hydraulics 2	Problem Solving 2	Policy 2	Inspection
Track Number		7	8	9	10	11	12
Room		TBD	TBD	TBD	TBD	TBD	TBD
Start	Finish						
8:00 AM	8:25 AM	Is There A Reinvented Toilet in Your Future - Rubin	Monitoring Nitrogen-Removal - Gao	Re-thinking Decentralized Infrastructure - Capps/Gaur	Challenges of Gravity Distribution - Mercier	Virginia's County Ordinance - Johnson	Repair Basics - Revis
8:30 AM	8:55 AM				Decentralized WW Planning in Nags Head, NC - Yonce		
9:00 AM	9:25 AM	What Does an NSF Certification Mean - Rinke	Septage and Septic Tank Performance at Rest Areas - Heger	Flushable Nightmare - Daniels	Wastewater Recycling & Reuse - Sweeney, REHS	Onsite System vs. Stream Discharges in VA - Degen	Septic Inspection Standards of Practice - Godfrey/Kerr
9:30 AM	9:55 AM	Rural Decentralized Water Systems Program - Maratita		Island Design - Roberts		A Horse Of A Different Color - Texas OSW - Aguirre	
10:00 AM	10:45 AM	Break in Exhibit Hall Poster Presentations in Exhibit Hall					
10:45 AM	11:10 AM	National Training Materials for Property Owners - Heger	Novel Biochemistry for Wastewater Denitrification - Wickham	Case for Narrow Trenches in Soil Dispersal Systems - Stephens	Reduction of Wastewater Effluent - Jantrania/Gerlich	EPA Office of Wastewater Management Update - Faller	Beyond the D-Box: Pressure Manifolds - Godfrey/Kerr
11:15 AM	11:40 AM	Evaluating Student Learning and Knowledge Gain - Moore			Worst Case Scenario: Difficult Sites - Kaiser/Donnelly		

# 2023 MEGA-CONFERENCE AGENDA

## Tuesday Afternoon, October 24, 2023

11:45 AM	1:00 PM	Lunch Provided in Exhibit Hall Poster Presentations in Exhibit Hall					
11:45 AM	1:00 PM	Joint Technical Practices/Education Committee Meeting, Room 201/202					
12:30 PM	2:30 PM	NE 2045 Working Group, Room 203/204					
1:00 PM	6:00 PM	Exhibitor Move-Out					
Track Topic		Design	Business	WW Characterization	Policy 3	Regulations	Installation
<b>Track Number</b>		<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>
<b>Room</b>		<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>
Start	Finish						
1:00 PM	1:25 PM	Design Challenges w Liquid Effluent Collection - Stidham	Don't Kill your Golden Goose - Oxenham	Characterizing Commercial High Strength Wastewater - Blodig	Blueprint for Watershed Resource Protection - Dowling	Role of Consensus - Sweeney, REHS	Hawaii's Cesspool Challenge and Solutions - Coleman/King
1:30 PM	1:55 PM				N- Reducing Septic System Grant Program - Jobin/Betts		I/A Septic Systems for Nutrient Pollution - Rudman
2:00 PM	2:25 PM	Treatment in the Soil vs. Tank - Moeller/Drewery	Panel: Shaping the Future with Reflections from Emerging Professionals - Bair/Maxcy-Brown	On-Site Greenhouse Ecosystem - Allison	What's New at the Virginia Dept of Health - Gregory	Shaping State Regulations - Alexander/Jantrania	OSTDS Design & Install Challenges - Groover
2:30 PM	2:55 PM			Meat Wastewater Characterization - Rouland	Sustainable WW Management for Unserved Communities - Elliott		
3:00 PM	3:30 PM	Break, Location TBD					
3:00 PM	3:30 PM	Emerging Professionals Committee, Room 201/202					
3:30 PM	3:55 PM	Field Study on Septic Tank Fecal Sludge - Astete-Vasquez	Tech Tools for Your Onsite Wastewater Business - Kerr/Godrey	OPEN	Virginia's Septic and Well Assistance Program (SWAP) - Sandberg	Regionalize Standard Operating Procedures - Jobin	Open
4:00 PM	4:25 PM	On-Site Community Wastewater Systems - MacConnell					
5:00 PM	6:30 PM	NOWRA Annual Business Meeting & Reception, Room TBD					
6:30 PM	8:30 PM	SORA Reception ( <i>invitation only</i> ), Location TBD					
Regular Mega-Conference Concludes							

# 2023 MEGA-CONFERENCE AGENDA

## Wednesday, October 25, 2023

7:00 AM	9:00 AM	TBD Committee Meeting, Raptor Board Room, Embassy Suites Hotel
7:00 AM	8:15 AM	Registration, TBD Light Continental Breakfast
8:30 AM	5:00 PM	Optional Field Trip 1 Bus transportation departs at 8:30 AM, TBD Boarding at 8:15 AM Box Lunch Provided
8:30 AM	5:00 PM	Optional Field Trip 2 Bus transportation departs at 8:30 AM, TBD Boarding at 8:15 AM Box Lunch Provided

**Conference Concludes - See you next year in Spokane, Washington!**  
**October 20 - October 24, 2024**