

Oklahoma Ground Water Association



**CONFERENCE  
& TRADE SHOW**

POWERED BY 

**JANUARY 9-11, 2024**





# CONFERENCE & TRADE SHOW

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## TUESDAY JANUARY 9, 2024

9:00 AM-12:00 PM	Large Equipment Exhibitor Booth Setup (trucks, trailers, drilling rigs, etc.)
12:00 PM-5:00 PM	Standard Exhibitor Booth Setup All exhibitors must have their booths set up by 5:00pm

## WEDNESDAY JANUARY 10, 2024

*[Up to 7 total OWRB hours or 3 total OCC hours available for the day]*

7:30 AM-8:00 AM	Registration			
8:30 AM-9:20 AM	<b>WELCOME TO CAMPUS</b> Dr. Todd Halihan – Interim Department Head, OSU Boone Pickens School of Geology	<b>OGWA UPDATE</b> David Correll – Phoenix Group, OGWA President	<b>NGWA UPDATE</b> Robert Keyes – Associated Industries, NGWA Board of Directors, OGWA Secretary	<b>OGWA BUSINESS MEETING</b> David Correll – OGWA President & Josh McClintock, OGWA Executive Director
9:30 AM-10:20 AM	<b>Drillers Guide to Reverse Circulation – How to Make the Jump!</b> Fred Rothauge, CWD – Hydro Resources (1 OWRB Hour)			
10:30 AM-11:20 AM	<b>How to Bid and Succeed with Large Municipal Drilling and Water System Projects</b> Bryce Callies – Garver Engineering (1 OWRB Hour)			
11:30 AM-1:30 PM	<b>2024 OGWA Annual Trade Show</b> Exhibit Hall – Lunch served at noon (1 OWRB Hour)			
	<b>TRACK 1</b>		<b>TRACK 2</b>	
1:30 PM-2:20 PM	<b>Rig &amp; Road Safety</b> OHP Troopers – Oklahoma Highway Patrol Troop S, Commercial Vehicle Enforcement (1 OWRB Hour)		<b>Core Workshop: Depositional Environments for the Oklahoma Panhandle and Permian Period in Oklahoma</b> Dr. Jim Puckette – Oklahoma State University (3 OCC/OWRB Hours)  <b>Location: Stewart Core Laboratory</b> 1723 Tyler Ave. Stillwater, OK 74075  <i>This core workshop will focus on the evaluation of depositional environments of both the Oklahoma Panhandle and the Permian Period throughout Western Oklahoma along with discussions on the potential controls on aquifer heterogeneity and the distribution of flow units. Identifying key facies, porosity/permeability systems and potential flow unit heterogeneity in the subsurface will be the main focus of the core evaluation, combined with discussions on the application of groundwater aquifers and contaminant fate and transport.</i>	
2:30 PM-3:20 PM	<b>NGWAU: Training Future Groundwater Professionals</b> Dr. Caitlin Barnes – Oklahoma State University (1 OWRB/OCC Hour)			
3:30 PM-4:20 PM	<b>The 5 Step Process to Building an Effective Drilling Fluid</b> Jay Roberts – Baroid IDP (1 OWRB/OCC Hour)			
4:30 PM-6:30 PM	<b>2024 OGWA Trade Show Reception</b> Exhibit Hall			



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## THURSDAY JANUARY 11, 2024




*[Up to 7 total OWRB hours or 3 total OCC hours available for the day]*

8:00 AM-8:30 AM	Registration	
	<b>TRACK 1</b>	<b>TRACK 2</b>
8:30 AM-9:20 AM	<b>Drilling Basics</b> Derek Anderson & Katy Anderson – Drilling Equipment Resources (1 OWRB Hour)	<b>Transport modeling of E Coli in porous media—a powerful tool for decision making in public health</b> Yipeng Zhang – Assistant Professor of Hydrogeology, OSU Boone Pickens School of Geology (0.5 OWRB/OCC Hour)  <b>High Rez Site Characterization Using Geophysics on Comingled Hydrocarbon Plume Prior to In-Situ Remediation</b> Kyle Spears – Aestus, LLC & David Correll – The Phoenix Group (0.5 OWRB/OCC Hour)
9:30 AM-10:20 AM	<b>Solar Powered Pumping Solutions</b> Jesse Zwiebel, Franklin Electric (1 OWRB Hour)	<b>Geophysical Logging for Water Wells and Environmental Boreholes</b> Johnny Just – Frontier (1 OWRB/OCC Hour)
10:30 AM-11:20 AM	<b>Intent to Drill Update &amp; Oklahoma Rules and Regulations</b> Chris Neel, Charlie O'Malley, Jason Shiever – Oklahoma Water Resources Board (1 OWRB Hour)	<b>Metrics Demonstrating Biostimulation Bioremediation of Organic Contaminants</b> Kent Armstrong – TerraStryke Products (1 OCC Hour)
11:30 AM-1:00 PM	Lunch on your own	
1:00 PM-1:25 PM	<b>Analysis of Long-Term Water level Changes in the Oklahoma Panhandle Region of the Ogallala Aquifer</b> Zachary Tomlinson – Oklahoma Water Resources Board (0.5 CE OWRB/OCC Hour)	
1:25 PM-1:50 PM	<b>Defining the Dakota Aquifer in Cimmaron County, Oklahoma</b> Lara Fly – Oklahoma Water Resources Board (0.5 CE OWRB/OCC Hour)	
2:00 PM-2:50 PM	<b>Hydrogeologic Characterization of the Oklahoma Panhandle using Nuclear Magnetic Resonance Logging Techniques</b> Isaac Dale – Hydrologic Studies Chief, Oklahoma Branch, U.S. Geological Survey Oklahoma-Texas Water Science Center (1 OWRB/OCC Hour)	
3:00 PM-3:50 PM	<b>Determining the Provenance of the Ogallala Formation</b> Dr. Carla Eichler – Oklahoma Geological Survey (1 OWRB/OCC Hour)	
4:00 PM-4:50 PM	<b>Overview of DEQ's Remediation and Underground Injection Control Programs</b> Amy Brittain, Jon Reid, Kelsey Bufford, and John Mitsdarfer – Oklahoma Department of Environmental Quality (1 OWRB/OCC Hour)	

OVERHEAD DOOR

 Geoprobe	Franklin Electric	Baroid	Lorentz
301	302	303	304

King Oil	Johnson Screens	In-Situ	Target Indicators
305	306	307	308

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Solar Power & Pump	Central Oklahoma Winnelson	Lightsey	Flowserve
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 Associated Environmental		Drilling Equipment Resources	

## 2024 EXHIBITOR MAP

Wes Watkins Center  
Oklahoma State University  
Stillwater, OK  
January 10-11

204	IQ Market
203	Rig Source
202	USGS
201	OWRB

101	102	103	104
Preferred Pump	Aestus	Terra Stryke	Grundfos

105	106	107
Whiterock Resources	Zilmet	Shakti

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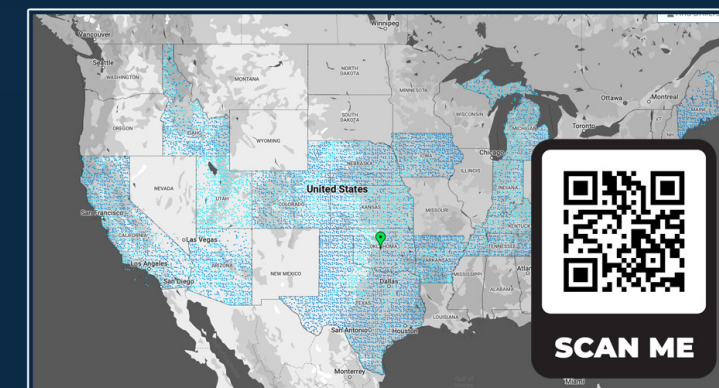
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