Water Treatment Sessions

Date	Start Time	End Time	Topic	Session
3/5/2025	11:00 AM	4:00 PM	Registration	
	1:00 PM	2:10 PM	Welcome and Operator Certification Exam Panel	Welcome and Operator Certification Exam Panel Speaker(s): D. Green, K. Bynum, G. Morgan, C. Brymer Organization: Certification Board
	2:10 PM	3:20 PM	TDEC Engineering Approval of Water and Wastewater Projects	TDEC Engineering Approval of Water and Wastewater Projects Speaker(s): Angela Jones and Cindy Wheeler Organization: TDEC
	3:20 PM	4:30 PM	How We Used Digital Twins to Help Utilities See What They Manage	How We Used Digital Twins to Help Utilities See What They Manage Speaker(s): Colton Anderson Organization: Kartorium
3/6/2025	7:00 AM		Registration	
	7:00 AM	8:30 AM	Breakfast	
	8:30 AM	9:40 AM	Variable Frequency Drives	Variable Frequency Drives Speaker(s): Andrew Crawford Organization: ITT Inc
	9:40 AM	10:50 AM	HAZWOPER Training for Water and Wastewater Personnel: What's required and Why it Matters	HAZWOPER Training for Water and Wastewater Personnel: What's required and Why it Matters Speaker(s): Hannah Claytor Organization: InSafe, Inc
	10:50 AM	12:00 PM	Enhancing Concrete Durability with Permeability Reduction	Enhancing Concrete Durability with Permeability Reduction Speaker(s): Richard Hill Organization: Master Builders Solutions
	1:00 PM	2:10 PM	Purifics - Continuous Ultra Filtration at 5x flux of other Ceramics	Purifics - Continuous Ultra Filtration at 5x flux of other Ceramics Speaker(s): Tony Powell Organization: Purifics Water Inc
	2:10 PM	3:20 PM	ProperPhosphate Dosage and Monitoring Corrosion	ProperPhosphate Dosage and Monitoring Corrosion Speaker(s): Jason McGee; Marc Nichols Organization: Southeastern Tank
	3:20 PM	4:30 PM	TDEC Update on Water and Distribution Issues	TDEC Update on Water and Distribution Issues Speaker(s): Erich Webber Organization: Division of Water Resources, TDEC
3/7/2025	7:00 AM	8:30 AM	Breakfast	
	8:30 AM	9:40 AM	Identifying and Planning for Geotechnical Risks	Identifying and Planning for Geotechnical Risks Speaker(s): Will McCloy Organization: Terracon
	9:40 AM	10:50 AM	Cloud-Based SCADA and Intelligence	Cloud-Based SCADA and Intelligence Speaker(s): Paul Denson Organization: Prestige Worldwide Technologies
	10:50 AM	12:00 PM	Protecting Your Distict (and Your Customers) from Cyber Attacks	Protecting Your Distict (and Your Customers) from Cyber Attacks Speaker(s): Scott Thorsen, Matthew Chambers Organization: Network Solutions Group

Distribution Sessions

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3/5/2025	11:00 AM	4:00 PM		
	1:00 PM	2:10 PM	Welcome and Operator Certification Exam Panel	Welcome and Operator Certification Exam Panel Speaker(s): D. Green, K. Bynum, G. Morgan, C. Brymer Organization: Certification Board
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	3:20 PM	4:30 PM	How We Used Digital Twins to Help Utilities See What They Manage	How We Used Digital Twins to Help Utilities See What They Manage Speaker(s): Colton Anderson Organization: Kartorium
3/6/2025	7:00 AM		Registration	
	7:00 AM	8:30 AM	Breakfast	
	8:30 AM	9:40 AM	Variable Frequency Drives	Variable Frequency Drives Speaker(s): Andrew Crawford Organization: ITT Inc
	9:40 AM	10:50 AM	Using Pressure Data to Determine Event Localization	Using Pressure Data to Determine Event Localization Speaker(s): Karen Siu & Alex Cofer Organization: McWane Inc. Clow Valve Company
	10:50 AM	12:00 PM	Working With What You Got:Leveraging Standard ArcGIS Online Functionality to Replace Expensive S|	Working With What You Got:Leveraging Standard ArcGIS Online Functionality to Replace Expensive Software Solutions Speaker(s): Austin Averill Organization: North West Utility District
	1:00 PM	2:10 PM	The City of Tennessee Ridge: Water Loss Mitigation Plan	The City of Tennessee Ridge: Water Loss Mitigation Plan Speaker(s): Seth Rye, Micah Westerman, Andy Lemons Organization: Rye Engineering and The City of Tennessee Ridge
	2:10 PM	3:20 PM	Fire Hydrant Operation and Maintenance	Fire Hydrant Operation and Maintenance Speaker(s): Jason Snell Organization: Mueller Company
	3:20 PM	4:30 PM	TDEC Update on Water and Distribution Issues	TDEC Update on Water and Distribution Issues Speaker(s): Erich Webber Organization: Division of Water Resources, TDEC
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	10:50 AM	12:00 PM	Protecting Your Distict (and Your Customers) from Cyber Attacks	Protecting Your District (and Your Customers) from Cyber Attacks Speaker(s): Scott Thorsen, Matthew Chambers Organization: Network Solutions Group

Collection Sessions

Date	Start	End Time	Topic	Session
3/5/2025	11:00 AM	4:00 PM	Registration	
	1:00 PM	2:10 PM	Welcome and Operator Certification Exam Panel	Welcome and Operator Certification Exam Panel Speaker(s): D. Green, K. Bynum, G. Morgan, C. Brymer Organization: Certification Board
	2:10 PM	3:20 PM	TDEC Engineering Approval of Water and Wastewater Projects	TDEC Engineering Approval of Water and Wastewater Projects Speaker(s): Angela Jones and Cindy Wheeler Organization: TDEC
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	7:00 AM	8:30 AM	Breakfast	
	8:30 AM	9:40 AM	Seamless Integration: Leveraging CCTV Pipe Inspections with GIS and Asset Management Systems	Seamless Integration: Leveraging CCTV Pipe Inspections with GIS and Asset Management Systems Speaker(s): Mark Grabowski Organization: IT Pipes
	9:40 AM	10:50 AM	City of Tennessee Ridge: Mobley Lane Sewer Rehabilitation	City of Tennessee Ridge: Mobley Lane Sewer Rehabilitation Speaker(s): Seth Rye, Micah Westerman, Andy Lemons Organization: Rye Engineering and The City of Tennessee Ridge
	10:50 AM	12:00 PM	Pinpointing Your I&I with a High Density Sensor Network	Pinpointing Your I&I with a High Density Sensor Network Speaker(s): C. Lewis Dixon, PE, PLS Organization: CDP - MapSync
	1:00 PM	2:10 PM	TAUD's Wastewater Treatment Plant and Collection System Evaluation Program	TAUD's Wastewater Treatment Plant and Collection System Evaluation Program Speaker(s): Billy Dranes Organization: TAUD
	2:10 PM	3:20 PM	Low to no-cost energy efficiency measures towards energy savings and decarbonization at WWTPs	Low to no-cost energy efficiency measures towards energy savings and decarbonization at WWTPs Speaker(s): Naushita Sharma Organization: ORNL, Manufacturing Energy Efficiency Research & Analysis (MEERA) Group
	3:20 PM	4:30 PM	Update from TDEC WW & CS	Update from TDEC WW & CS
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Wastewater Treatment Sessions

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3/6/2025	7:00 AM		Registration	
	7:00 AM	8:30 AM	Breakfast	
	8:30 AM	9:40 AM	Cost Effective Biosolids Management	Cost Effective Biosolids Management Speaker(s): Steve Key / Billy Dranes Organization: Town of Carthage / TAUD
	9:40 AM	10:50 AM	HAZWOPER Training for Water and Wastewater Personnel: What's required and Why it Matters	HAZWOPER Training for Water and Wastewater Personnel: What's required and Why it Matters Speaker(s): Hannah Claytor Organization: InSafe, Inc
	10:50 AM	12:00 PM	Enhancing Concrete Durability with Permeability Reduction	Enhancing Concrete Durability with Permeability Reduction Speaker(s): Richard Hill Organization: Master Builders Solutions
	1:00 PM	2:10 PM	TAUD's Wastewater Treatment Plant and Collection System Evaluation Program	TAUD's Wastewater Treatment Plant and Collection System Evaluation Program Speaker(s): Billy Dranes Organization: TAUD
	2:10 PM	3:20 PM	Low to no-cost energy efficiency measures towards energy savings and decarbonization at WWTPs	Low to no-cost energy efficiency measures towards energy savings and decarbonization at WWTPs Speaker(s): Naushita Sharma Organization: ORNL, Manufacturing Energy Efficiency Research & Analysis (MEERA) Group
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