

2025 UTC

INFORMATION

THE TECHNOLOGY CONFERENCE PROVIDES 12 HOURS OF CONTINUING EDUCATION FOR ALL OPERATOR LICENSES AS WELL AS PROFESSIONAL ENGINEERS.

THE TECHNOLOGY CONFERENCE PROVIDES ATTENDEES WITH THE LATEST IN TECHNOLOGY, PRODUCTS AND PROCEDURES IN THE WATER AND WASTEWATER INDUSTRY.

THERE ARE NO EXHIBITS AT THE TECHNOLOGY CONFERENCE, BUT THE CONFERENCE PROVIDES AMPLE OPPORTUNITY TO NETWORK WITH YOUR INDUSTRY PEERS.

THE AGENDA FOR THIS CONFERENCE IS AVAILABLE ON OUR WEBSITE AT
[HTTPS://TAUD.ORG/CONFERENCES/TECHNOLOGY-CONFERENCE/](https://taud.org/conferences/technology-conference/)

QUESTIONS?

PLEASE CONTACT

BETH HARDIMAN AT
BETHHARDIMAN@TAUD.ORG OR
615-900-1014.



Tennessee Association
of Utility Districts

Vital for Tennessee's future

P.O. Box 2529
Murfreesboro, TN 37133

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UTILITY TECHNOLOGY CONFERENCE

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Tennessee Association
of Utility Districts

Vital for Tennessee's future



UTILITY TECHNOLOGY CONFERENCE

MARCH 5-7 • CROWNE PLAZA HOTEL
401 W. SUMMIT HILL DR. • KNOXVILLE, TN 37902

Utility/Company: _____

Registrant 1: _____

Registrant 2: _____

Registrant 3: _____

Registrant 4: _____

Business Address: _____

City: _____ State: _____ Zip: _____

Business E-mail: _____

Business Phone: (_____) - _____ - _____

EARLYBIRD
REGISTRATION
DEADLINE :
FEB. 21

Please make checks payable to TAUD.

If preferred, you may use a Master Card, Visa, American Express, or Discover card.

Only provide credit card information on forms that are to be **direct mailed or faxed**.

We **cannot** accept credit card information via e-mail, including attachments.

Card Number: _____ Expires: _____ Amount: _____

Card Holder Name: _____ Signature: _____

Billing Address: _____

City: _____ State: _____ Zip: _____

E-mail (for receipt): _____

I/We Plan to Attend (please check one) Registration Fees

☐ Full Conference \$400/ \$700

☐ One Day Only
(Thurs., March 6) \$225 / \$325

Registrations Received After 2/21 \$450 / \$800

Please note that the registration fees above are listed as member/non-member pricing.

SUBMIT COMPLETED FORM TO:

TAUD
P.O. BOX 2529
MURFREESBORO, TN 37133
FAX: (615) 898-8283

CONFERENCE SCHEDULE

WEDNESDAY, MARCH 5

11:00AM - 1:00PM Registration
1:00PM - 4:30PM Sessions
4:30PM - 6:00PM Member Reception

THURSDAY, MARCH 6

7:00AM - 8:30AM Breakfast
8:30AM - 12:00PM Sessions
12:00PM - 1:00PM Lunch
1:00PM - 4:30PM Sessions

FRIDAY, MARCH 7

7:00AM - 8:30AM Breakfast
8:30AM - 11:30AM Sessions

Twelve (12) Hours of PDH & Operator CE Credit Available!

HOTEL INFORMATION

We strongly encourage attendees to make reservations as soon as possible. Room availability cannot be guaranteed at the host hotel after the reservation deadline has passed.

Crowne Plaza Hotel

401 W. Summit Hill Dr.
Knoxville, TN 37902
(865) 522-2600

Room Rate: \$145 S/D

BOOKING LINK (valid through 2/2):

<https://www.crowneplaza.com/redirect?path=hd&brandCode=CP&localeCode=en®ionCode=1&hotelCode=TYSSH&PMID=99801505&GPC=TUD&cn=no&viewfullsite=true>

Click the "view prices" button in the right corner and on the next screen insert the group dates they want.

BOOKING PHONE NUMBER (after 2/2)

865 522-2600 and ask for "in house" reservations.
The IHG reservations number is 877 424-2449.

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	8:30 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

Date	Start Time	End Time	Topic	Session
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
	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	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
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

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
	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
3/6/2025	7:00 AM		Registration	
	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
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

Wastewater Treatment 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
	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
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
	3:20 PM	4:30 PM	Update from TDEC WW & CS	Update from TDEC WW & CS
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 District (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