

WATER ∞ AI NEXUS™ @ WEFTEC 2025



Theater Agenda

Exhibit Hall Booth 6706 – North Hall B

The Water-AI Nexus Center of Excellence is a first-of-its kind initiative to address water sustainability in AI development while harnessing AI to solve critical water challenges. Learn more at water-ai-nexus.org.

Monday, September 29

11:00 – 12:00 PM	Water-AI Nexus Center of Excellence Media Briefing with Founding Leaders <i>Moderator:</i> Alyson Moses , Managing Director, Marketing & Communications, Water Environment Federation Ralph Exton , Executive Director, Water Environment Federation Beau Schilz , Principal, Water Strategy and Technology, Amazon Web Services Brenton McCloskey , Director of Strategic Development and Communications, The Water Center at Penn Howard Neukrug , Executive Director, The Water Center at Penn; Chair, Leading Utilities of the World
1:30 – 1:45 PM	Insight Report Release: “Principles for Sustainable Water Use by Data Centers” John Ikeda , Chief Mission Officer, Water Environment Federation Beau Schilz , Principal, Water Strategy and Technology, Amazon Web Services
2:00 – 2:45 PM	Earth TV Video Launch and Panel Interview Ralph Exton , Executive Director, Water Environment Federation Mark Peterson , Deputy General Manager of Administration, Loudoun Water Gert Van der Walt , Water Infrastructure Expansion Manager, Amazon Web Services Miguel Sibayan , Program Manager, Imagine H2O
3:00 – 3:45 PM	Trust, Tech, and Taps: AI’s Role in the Future of Public Water <i>Moderator:</i> Radhika Fox , Senior Advisor, Xylem; Principal, North Star Strategy Oluwole A. (OJ) McFoy , City Engineer, Houston Public Works Matthew Pine , Chief Executive Officer, Xylem Janisse Quiñones , Chief Executive Officer, Los Angeles Department of Water and Power
4:00 – 4:15 PM	Cloud for Water Utilities: Operations, Security, and Innovation Maggy Powell , Principal, Security Assurance for Energy & Utilities, Amazon Web Services
4:30 – 4:45 PM	How AI Helped Elancourt WWTP Cut Energy Costs Without Compromising Quality Emma Weisbord , Managing Director, SUEZ Digital Solutions North America

Tuesday, September 30

9:00 – 9:45 AM	Executive Interview: The Role of Generative AI (GenAI) for the Global Water Sector Ralph Exton , Executive Director, Water Environment Federation Peter Grevatt , Chief Executive Officer, The Water Research Foundation John Albert , Deputy Chief Executive Officer, American Water Works Association
10:00 – 10:45 AM	Utility Projects Advancing AI <i>Moderator:</i> John Ikeda , Chief Mission Officer, Water Environment Federation Kendra Sveum , Executive Director of Operations and Maintenance, Loudoun Water Dr. Robert Bornhofen , Director, Innovation, DC Water



11:00 – 11:45 AM	How Does Data Center Construction Impact Water Supply? <i>Moderator:</i> Usman Khan , Water Strategy Lead, Amazon Web Services Jonathan Koomey , President, Koomey Analytics Ethan Edwards , Senior Analyst, Bluefield Research Khara Boender , Senior Manager State Policy, Data Center Coalition
1:30 – 1:45 PM	Advancing Resilience: A Case Study in Effective AI for Supply Chain Resilience Victoria Edwards , President and Founder, FIDO Tech
2:00 – 2:15 PM	Accelerating Digital Solutions at the Local Level Brenton McCloskey , Director of Strategic Development and Communications, The Water Center at Penn
2:30 – 3:15 PM	Upskilling the Water Workforce in the Age of GenAI Donnell Duncan , Arcadis U.S., Inc. Prabhushankar Chandrasekeran , Arcadis U.S., Inc. Amber Boone , South Orange County Wastewater Authority, CA
3:30 – 3:45 PM	GWJ Data Center Market Forecasting Christopher Gasson , Publisher and Owner, Global Water Intelligence (GWI)
4:00 – 4:15 PM	NSF Priorities in Artificial Intelligence and Water Research Dr. C. Sunny Jiang , Director, Environmental Engineering Program, Nation Science Foundation (NSF)
4:30 – 4:45 PM	The Future of Water Infrastructure: Digital Transformation Through Universal Automation Alanna Iacobbo , Global Marketing Strategy Director, Cloud and Service Providers, Schneider Electric Jacob Thompson , Business Development Leader, Next Generation Automation Systems, Schneider Electric

Wednesday, October 1

9:30 – 10:00 AM	Detecting Leaks in Fulfillment Centers with AI and Smart Meters Emily Weiss , Global Lead, Water and Biodiversity, Amazon Kelly Galway , Vice President, Product, Subeca
10:15 – 11:00 AM	Water and AI: Mapping the Journey, Shaping the Future <i>Moderator:</i> Ralph Exton , Executive Director, Water Environment Federation Adam Tank , Chief Communications Officer, Transcend Lauren Barbir , Business Development Director, Data Centers & Tech, HDR Matt Boczkowski , Executive Vice President, Advanced Infrastructure Solutions, USIC Andrew Collier , Director, Water Industry Strategy, Autodesk Jessi Tseng , Vice President of Customer Success & Engineering, Transcend
11:00 – 11:15 AM	AI Impacts in Cybersecurity—Resources for Utilities Nushat Thomas , Cybersecurity Branch Chief, Water Infrastructure & Cyber Resilience Division, U.S. EPA Office of Water
11:30 – 12:00 PM	CVWRF's Strategic Approach to Adopting AI-Powered Solutions Navneet Prasad , Central Valley Water Reclamation Facility, UT Bryan Mansell , Central Valley Water Reclamation Facility, UT
1:30 – 1:45 PM	Utilizing AI and Machine Learning in Water Distribution and Wastewater Collection Analysis—Why? Ken Hayes , Core & Main