



Innovation Pavilion Theater in Booth 1053

Innovating in The Age of The Circular Water Economy

Innovation helps move our business-as-usual thinking forward into something better – more cost-effective, more sustainable, and more user-friendly. WEF has partnered with BlueTech Research and Imagine H2O to shine the spotlight on water sector innovations.

Innovation Showcase & Theater exhibitors feature winners of the WEF Innovative Technology Award, BlueTech Forum Innovation Award, and Imagine H2O's select portfolio companies. Complementing the award winning technologies are the exhibitors in the **Innovation Zone**, **Discovery Zone**, and **Distributed Infrastructure Zone**. Learn more about these zones at www.weftec.org/expo.

Thanks to the Innovation Pavilion overall sponsor:





2024 Innovation Showcase Companies

BlueTech Research	Imagine H2O
AxNano	FTD Solutions
NALA Membranes	SampleServe
VAPAR	WASE LTD.
Our Rainwater	CREW Carbon
Teamsolve	Capta Hydro
Enspired	OceanWell
Pyrocal	Nucleic Sensing Systems

Monday, October 7, 2024

Session Title	Start	End	Presentation	Moderator/Speaker
Water Stress in the US	9:30 AM	10:00 AM	The Biggest Water Stressors in the U.S. Today	Martin Bureau, ALTRA
A Tour of the 2024 Innovation Pavilion	10:00 AM	11:00 AM	A Tour of the 2024 Innovation Pavilion	Jeff Guild, BlueTech Research & Nidhi Menon, Imagine H2O
Intelligent Water Systems and CIO perspective	11:00 AM	12:00 PM	WEF/WRF Intelligent Water Systems Challenge	Reese Johnson, Metropolitan Sewer District of Greater Cincinnati
	12:00 PM	12:30 PM	Why Can't My Technology Get Any Traction in the Water Industry?	Megan Livak, SmartCover
Accelerating Adoption of Technologies	12:30 PM	1:30 PM	RISE 2024 Overview	Erika Bailey, City of Raleigh
	1:30 PM	2:00 PM	Innovation in the Water Industry: Transformative Business Models and Solutions	Walid Khoury, Desalytics
Desalination and Alternative Water Sources	2:00 PM	3:00 PM	XPRIZE Water Scarcity	Lauren Greenlee, XPRIZE Water Scarcity
	3:00 PM	3:30 PM	Advancing the Frontier of High-Efficiency, Low-Cost Water Treatment and Reuse: The Next 5 years of the U.S. Dept of Energy's \$75M NAWI program	Peter Fiske, NAWI-LBL
Croctank: Advancing Startups	3:30 PM	4:30 PM	Croctank: Imagine H2O Transformative Water Solutions for a Sustainable Future	Nidhi Menon, Imagine H2O
Reception	4:30 PM	5:30 PM	Innovation Pavilion Reception	Sponsored by ALTRA

Tuesday, October 8, 2024

Session Title	Start	End	Presentation	Moderator/Speaker
Imagine H2O	8:30 AM	9:00 AM	The Imagine H2O Aquadance Film Festival	Mayci Hicks, Imagine H2O
Partnering for Innovation in PFAS Treatment Solutions	9:00 AM	9:30 AM	Partnering for Innovation in PFAS Treatment Solutions 	Martin Bureau, ALTRA
U.S. EPA Clean Watersheds Needs Survey Outcomes	9:30 AM	10:00 AM	2022 Clean Watersheds Needs Survey - Results and Lessons Learned	Joshua Klein, EPA
Utility Led Success Stories	10:00 AM	10:30 AM	Bringing Tech to Water: NYC's Unique Public-Private Model	Stacey Matlen, Partnership Fund for NYC
	10:30 AM	11:00 AM	Jackson's Water Recovery: A Story of Collaborative Technology and Passionate People Driving Success Together	Justin Hogue, LEC, Inc.
	11:00 AM	11:30 AM	Kenosha Water Utility's Journey Towards Digital Asset Management Maturity	Curtis Czarnecki, Kenosha Water Utility
	11:30 AM	12:30 PM	Behind the Curtain: Unveiling Water Utility Innovation Strategies	Sonora Hill, Imagine H2O
Water Clusters	12:30 PM	1:00 PM	Water Innovation Clusters: Meet and Greet	The Water Council, Cleveland Water Alliance, Current
	1:00 PM	1:30 PM	Global Innovations for Resiliency and Sustainability	Karen Frost, The Water Council
Remote Sensing in the Water Sector	1:30 PM	2:00 PM	Application of Remote Sensing Data for the Water Sector	Bianca Pinto, WEF
Industrial Water Reuse	2:00 PM	2:30 PM	Industrial Water Reuse: Opportunities, Challenges and Solutions	Val Frenkel, TYLin Greeley and Hansen Water Solutions
	2:30 PM	2:45 PM	Selective contaminant removal and sustainable purification of high-value industrial products using hydrogel microparticles	Arjav Shah, MIT
	2:45 PM	3:00 PM	Microbial Cell Encapsulation (MCE) for Decentralized Industrial Wastewater Treatment: Innovations and Optimization	Rachel Huang, The University of Queensland
Distributed Infrastructure and the Circular Economy	3:00 PM	3:30 PM	Closing the Loop: How Decentralized Wastewater Treatment Supports a Sustainable Circular Water Economy	Manel Garrido Baserba, Brown and Caldwell
De-risking Technology Adoption	3:30 PM	4:00 PM	1+1=3: De-risking Technology Adoption through Corporate-Startup Synergies 	Kyle Schoenheit, Xylem
Croctank: Advancing Startups	4:00 PM	5:00 PM	Croctank: BlueTech Research Blue Truffle and Selected Startups	Aoife Kelleher, BlueTech Research

Wednesday, October 9, 2024

Session Title	Start	End	Presentation	Moderator/Speaker
Imagine H2O	8:30 AM	9:00 AM	The Imagine H2O Aquadance Film Festival	Mayci Hicks, Imagine H2O
AI for Sustainability	9:00 AM	9:30 AM	Innovative Solutions and Strategic Partnerships for Tackling Water Security	Jeffrey Johnson, Oldcastle Infrastructure
	9:30 AM	10:00 AM	The Role Generative AI Plays on Our Global Water Sector	Robert Bornhofen, DC Water
	10:00 AM	10:30 AM	Harnessing AI for Water Sustainability in Industrial Automation and Operations	Andrea Ruotolo, Rockwell Automation
	10:30 AM	11:00 AM	AI-Powered Water Sustainability	Vincent Puisor, Schneider Electric
CSI WEFTEC: Collection System Innovations	11:00 AM	11:30 AM	Unleash the Power of Sewer Innovation: A Fireside Chat for Utilities	Corey Williams, Smartcover
	11:30 AM	11:45 AM	Microbial Induced Corrosion of Concrete - What is going on in our sewers?	Sandy Bradford-Dice, Xypex Chemical Corporation
	11:45 AM	12:00 PM	Back to the Future: The Evolution of the Electric Motor and the Future of Pump Technology	Ben Savory, Infinitum
	12:00 PM	12:15 PM	Sewer Solutions: Pima County's Award-Winning Approach to Corrosion Control	Brandon Tremelling, PE, Geneva Pipe & Precast
	12:15 PM	12:30 PM	How Digital IoT Solutions Maximize Pump Station Uptime while Reducing Costs	Henrik Laursen, AMI Global LLC