AMERICAN WATER SUMMIT 2018

INSPIRING INNOVATION

Oct 24-26
Loews Hotel
Philadelphia, USA

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americanwatersummit.com

AWS IS THE ONLY CONFERENCE THAT FOCUSES ON WATER, PERFORMANCE AND MONEY

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GALA DINNER

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OMYA

WATER DESIGN-BUILD COUNCIL
AN ASSOCIATION OF LEADING DESIGN BUILDERS

DAY 1 LUNCH

Capstone Headwaters

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WATER COOLER MEETING AREA

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Association of REGIONAL WATER Organizations

NACWA

WUCA
Water Utility Climate Alliance
10 YEARS · 2008-2018

WATER LEADERS

LEADING UTILITIES OF THE WORLD

INSPIRING INNOVATION

CRAFTING AMERICA'S WATER FUTURE

The American water sector is booming with investment growth at its highest level for more than a decade. A strong economy and continued support for key federal funding programs have helped drive demand for new technologies and infrastructure. But what is next? This is the question that top executives in the water industry – public and private – have on their mind as they enjoy this unexpected moment of sunshine. It is also the reason why they will be taking part in the American Water Summit in Philadelphia on October 24th-26th.

The Summit brings together C-suite executives from across the industry to talk frankly about money and water, and how the two combine with innovation and leadership to create strategy. This makes it a unique event in the North American industry. AWS is a space where the decision makers and thought leaders join the dialogue that will shape water's future. It is a compelling discussion for all of the industry's key participants: utility leaders, engineers, technology suppliers, service providers, and investors.

This year's event is particularly urgent. The systems that have worked for the North American water industry for the past 40 years are looking more vulnerable than ever: at the same time the opportunities in change are looking brighter than ever.

WHY ATTEND?

The American Water Summit gathers the most influential figures in water for two days of debate and decision making at the highest level with the objective to build the vision for America's Water Future. It is the only North American water conference that tackles water, performance and money in a single agenda. Bringing together top executives and visionaries from industry, the private and public sectors, and the federal government to build consensus on the roadblocks to progress and roadmaps to success in the future, The American Water Summit is a powerhouse of change, innovation and transformation.

Being a part of this high-level delegation will put your business on the map and define your position in the future of the American water sector. It grants you a seat at the table, enabling you to build new and unexpected connections, to gain ground on your competitors and to influence industry perceptions of your company at the highest-level.

This is your chance to exercise your expertise and maintain your profile with over 390 key players in the industry. Register for the event and make connections that will transform your business in the coming year.

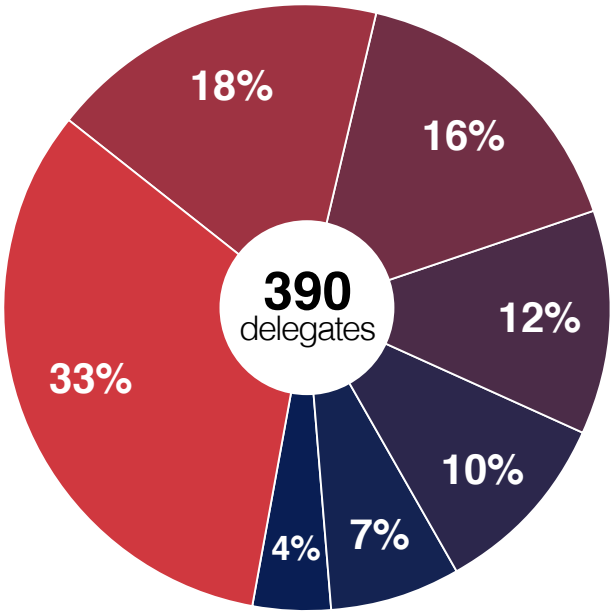
WHO ATTENDS?

The American Water Summit is a powerhouse of change, innovation and transformation, and in 2018 we're bringing together thought leaders from across the industry to put you and your business at the forefront of developments in the North American water industry.

Hear from visionaries with unparalleled industry knowledge how to tackle the issues and opportunities that arise when innovation meets the challenging and ever-changing nature of water.

Alongside the brightest minds from industry, the private and public sectors, and the federal government, in 2018 the American Water Summit also welcomes utility leaders representing over 70 million people, from 23 states and 5 countries.

2017 DELEGATES



- Water Technology & Service Companies
- Public & Private Utility Leaders
- Finance & Legal
- Consulting Engineers / Contractors
- Non-Profit / Government Officials
- Industrial Water Users
- Academics / Other

100+
Speakers

60+
Utilities/Federal Government

69%
C-suite/Senior Executives

NEED TO KNOW

SESSION STRANDS

Each strand will feature panels set around overarching themes.

FINANCE & STRATEGY

The financial systems that underpin the American water sector are poised for change. This session strand navigates the new business and investment models that will define the industry in the years to come. Sessions include: Financing Water After the Great Recession of 2020; Creating the Future of Finance; What Do Investors Want From Water?; Totex Thinking.

CTO FORUM

Crafting America's water future requires more than just technological innovation, it requires a 360-degree approach that engages end-users, solutions providers and key stakeholders. These sessions uncover the opportunities for forward-thinkers as the sector responds to its greatest challenges. Sessions include: CTO Panel; America's Toughest Wastewater Challenges; What Does a Great Water Future Look Like?; The New Economics of the Regulatory Frontier

WATER LEADERS STRAND

This strand showcases the utility-led innovation which is recasting the water sector from the ground up, beginning with the inauguration of new members into the Leading Utilities of the World initiative. Sessions include: Inducting New LUOW Members; Leadership Roundtables; Adaptive Infrastructure: Paths to Preparedness; Uninvented Technologies

LOR FOUNDATION

ROUNDTABLES

4 X 20 MINUTE TIGHTLY FOCUSED SESSIONS

The intense, fast moving roundtable sessions are consistently highly rated by our large constituency of returning delegates. Expert speakers lead tables of 10-12 in tightly focused discussions on what is new and trending in the water industry.

1. Choose a topic and join the table
2. Meet the host and table guests
3. Participate in an intimate, face-to-face exchange of ideas
4. After four table rotations, you'll leave the session with a new set of contacts, a meeting set up for later that day and the next step towards your next deal.

CORE & MAIN

ONE-2-ONE NETWORKING

Our agenda maximizes time to network with other delegates, exchange ideas and make new contacts. The One-2-One networking system is your tool to focus your attention on the most important people for your business.

PRICES

$1895	Full delegate pass for October 25th to 26th
$895	Pre-conference workshop only (October 24th)

Discount codes are available to delegates representing non-profit organizations and public utilities. For more information reach out to Bonnie Eastland at bonnie.eastland@globalwaterintel.com (+1 (303) 731 5618)

BOOKING

(www.americanwatersummit.com/booking)

VENUE

The American Water Summit 2018 will take place in the Loews Philadelphia Hotel – the nation's first skyscraper – which combines living history with warm sophistication. Located in the heart of the City Center, the venue is steps away from historic attractions.

We have secured a special hotel room rate of $239 for all American Water Summit delegates. There are limited rooms available at this price so book early to avoid disappointment.

www.americanwatersummit.com/2018-accommodation

5 REASONS TO ATTEND

1

The American Water Summit brings together a concentration of high level executives and decision makers from across the public & private sectors, local and federal government, and utilities. With guaranteed networking opportunities through our One-2-One system, you can forge meaningful relationships and strike business deals with a variety of industry members.

2

AWS brings together all of the industry, from utilities and government organizations, financing firms for the whole supply chain, to members of the industrial sector. AWS gives you the opportunity to meet with clients, while learning about potential changes in the industry and how they will affect your business partners and customers.

3

The AWS 2018 agenda sets out to create a consensus of thought leadership across the industry, which ultimately drives collaboration and progress, and therefore reveals opportunities you won't find elsewhere.

4

Being a part of this high-level delegation will put your business on the map and define your position in the future of the American water sector. It grants you a seat at the table, enabling you to build new and unexpected connections, to gain ground on your competitors and to influence industry perceptions of your company at the highest-level.

5

AWS is the only conference that combines discussions of water, performance and money. We offer an agenda of topics that aren't being talked about elsewhere. It's a live form of our market intelligence, where you will gain insights that cannot be garnered anywhere else.

PRE-CONFERENCE WORKSHOP

ACCELERATING THE DIGITAL UTILITY

Making procurement, return on investment, and objectives work for water

Digital technologies offer a unique window of opportunity to transform the productivity of the water sector, but to date, progress in adopting these technologies has been painfully slow. It matters because all utilities are being asked to do more with less, and a step change in productivity is the only way ahead.

With former DC Water General Manager George Hawkins in the chair and with international utility leaders from the UK, Canada and Australia joining the discussion, alongside some of the most dynamic US utility leaders, this event will shape the way digital water services are rolled out in the US and beyond.

Whether you are a utility looking to invest to improve productivity, or a technology supplier looking to open out the market, it is going to be an expensive event to miss. With direct access to the key thought leaders and a focused agenda, it will save months of time spent on business development and strategy planning in a single afternoon.

Already booked your place at AWS 2018?

Add '**ACCELERATING THE DIGITAL UTILITY: Making procurement, return on investment, and objectives work for water**' to your ticket at a **reduced price**.

1:00 - 1:15	**Introduction** by George Hawkins
2:15 - 2:30	**Utility Perspectives** Each leader spends four minutes outlining their experience of digital systems procurement and operation, before outlining in another four minutes how they think that smart technologies will shape their operations over the next decade. *Chair George Hawkins, Moonshot LLC*
2:30 - 2:35	**Transition Break**
3:35 - 3:30	**Procurement and Cost Benefit Analysis** How do utilities approach the decision to invest in digital systems and what is the process of procurement? These are two crucial questions which are shaping the development of the digital utility, but does anyone have the right answers? This panel brings together all the different perspectives on the issue to understand their thinking and bring it into close alignment.
3:30 - 4:00	**Networking Break**
4:00 - 5:30	**Workshop Challenge** The audience is divided into teams with each team assigned a challenge related to accelerating the adoption of digital technologies. Each team will be headed by a utility leader, and together they will work up solutions to the challenge to be presented to the other teams at the end of the session.
5:30 - 6:00	**Closing Panel and Learning Points**
6:00 - 7:00	**Networking Reception**

AGENDA

DAY ONE: THURSDAY OCTOBER 25TH

7:00 - 8:30	**Breakfast & Registration Opens**
8:30 - 10:00	**Opening Plenary** Innovative business models and technologies are redefining how the American water sector responds to its most pressing challenges, as the pillars that have defined the industry for decades are poised for change. Federal regulators, gold standard utilities and industry visionaries provide a holistic outlook on the future of the American water sector. Chair: **Debra Coy**, XPV Water Partners Speakers: **Dave Ross**, The Office of Water, EPA **Rich Karlgaard**, Forbes **David Gadis**, DC Water
10:00 - 10:30	**Networking & Coffee Break**
10:30 - 12:00	**Roundtables** The Most Pressing Questions for America's Water Future

What does the macro-economic outlook say about the future of water spending?	How big will the midstream be?	What will $4 billion do for rural water?	What is Washington's next move in infrastructure?	How is California spending $29 billion on drought-proofing?	How do we beat falling water demand?
What water technologies does the oil and gas industry need now?	Is fair value the game changer for private water?	What is next for water in Las Vegas?	Is there a solution to stormwater funding?	What is water's answer to cybersecurity?	What will make utility consolidation happen?
Does water need to worry about the trade war?	Can outsourced operations rediscover growth?	How do you explain the M&A market?	Why is the Department of Energy splashing out on desalination research?	What will be done about nutrient pollution?	What is the secret of selling smart water systems?
What is the hottest technology: high recovery or brine concentration?	Is Miami's real estate market a water play?	Why is the SJW/ Connecticut Water merger so important?	How can new water technologies crack the market?	Can Puerto Rico's utility turn things around?	

AGENDA

<table>
<tr><td>12:00 - 1:30</td><td colspan="3">Lunch</td></tr>
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The One-2-One Networking Sessions are designed to secure valuable face time with any registered delegate. One-2-One Networking provides an intimate setting for you to shake hands and strike pivotal deals.</td></tr>
<tr><td>1:30 - 3:00</td><td colspan="3">Session Strands</td></tr>
<tr><td></td><td>Financing Water After the Great Recession of 2020
In 2018 investment has been flowing back into the water sector at a faster rate than at any time since the 2009/10 stimulus, but we can all feel vulnerability at the heart of the system. Income from customer rates is insufficient to meet long term investment needs, and the tax cuts that have spurred economic growth could ultimately entail the restructuring of public finances. This panel session brings together six unique perspectives on the utility sector's exposure to the inevitable economic down-cycle and how the sector must act now to ensure that it is the master of change rather than its victim.

Chair: Paul Hasler, GWI
Speakers:
Bill Teichmiller, EJ Water Cooperative
John Hallacy, The Bond Buyer
Ryan M. Connors, Boenning & Scattergood
Robert Powelson, NAWC
Daphne Kenyon, Lincoln Institute of Land Policy</td><td>CTO Panel
Innovative thinking is required in order to ensure the American water sector gets the technology solutions that it needs for the next five years. Too many new technologies suffer from a lack of market relevance or from a prolonged commercialization process. A group of the most influential chief technology officers in the water sector come together to discuss the innovative approaches required to create better harmony between technology offerings and end-users' needs.

Chair: Charlie Walker, GWI
Speakers:
Jay Iyengar, Xylem
Karen Golmer, MIT Deshpande Center for Technological Innovation
Sebastien Bessenet, Veolia Water Technologies
Cindy Paulson, Brown and Caldwell</td><td>Inducting New LUOW Members
The Leading Utilities of the World is a global network of the world's most successful and innovative water and wastewater utilities. Since the initiative's launch in 2017, 32 Gold Standard utilities have been inaugurated, and now five new nominees will present their outstanding innovations and 5-year plans to be inducted into the network.

Advisory Board
Howard Neukrug, Global Water Leaders Group and Leading Utilities of the World, USA
Biju George, DC Water, USA
Kevin Shafer, Milwaukee Metropolitan Sewerage District, USA
Sue Murphy, Water Corporation, Australia
Speakers
Jim Lochhead, Denver Water, USA
Karen Pallansch, Alexandria Renew, USA
Harlan Kelly, San Francisco Public Utilities Commission, USA</td></tr>
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<tr><td>3:30 - 5:00</td><td colspan="3">Session Strands</td></tr>
<tr><td></td><td>Creating the Future of Finance
What does a sustainable financial model look like for the American water sector, and how do we bring it about? It is not enough to talk about the value of water: some hard decisions need to be taken in order to make the slogan a reality, because no one wants to foot the bill. Here we invite representatives of the federal government, local government and the private sector to outline their vision and the way they expect to see it delivered.

Chair: Adam Krantz, NACWA
Speakers:
Jill Jamieson, JLL
Michael Patella, EPA
Ed Fanter, Deloitte
Disque Deane, Water Asset Management
Kenneth Johnson, USDA</td><td>America’s Toughest Wastewater Challenges
What is the biggest pain point for industrial water users? For most of them it is the problem of managing their wastewater streams to meet the often conflicting requirements of regulation, stewardship commitments and corporate budgets. Here we invite some of those facing the greatest challenges to explain the solutions they have developed and how water technology companies could make their lives easier.

Chair: Jon Freedman, Suez Water Technologies & Solutions
Speakers:
Michael Misstishin, D.G. Yuengling & Son, Inc.
Francis McAllister, Freeport McMoRan
Bill Kennedy, Duke Energy</td><td>Leadership Roundtables
What makes the ‘Leading Utilities of the World’ innovation network different is the development of a truly innovative culture within and across utilities. In this session, the speakers from the first innovation session will receive prepared and structured feedback on their presentations from the Advisory Board of the ‘Leading Utilities of the World’ innovation network. Attend this session to join with the leaders of the world’s most innovative utilities at roundtables, and hear their insights on how the water sector can progress to an even higher level of performance, both as individual organizations and through collaboration.

Advisory Board
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Biju George, DC Water, USA
Kevin Shafer, Milwaukee Metropolitan Sewerage District, USA
Sue Murphy, Water Corporation, Australia
Speakers
Jim Lochhead, CEO/Manager, Denver Water, USA
Karen Pallansch, Alexandria Renew, USA
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5:00 - 5:30	**One-2-One Networking & Coffee Break** The One-2-One Networking Sessions are designed to secure valuable face time with any registered delegate. One-2-One Networking provides an intimate setting for you to shake hands and strike pivotal deals.
5:30 - 6:30	**Cocktail Hour**
6:45 - 10:00	**Gala Dinner** Guest Speaker: **Edward Burtynsky**, Ed Burtynsky Photography “I wanted to understand water: what it is, and what it leaves behind when we’re gone. I wanted to understand our use and misuse of it. I wanted to trace the evidence of global thirst and threatened sources. Water is part of a pattern I’ve watched unfold throughout my career. I document landscapes that, whether you think of them as beautiful or monstrous, or as some strange combination of the two, are clearly not vistas of an inexhaustible, sustainable world.” – Edward Burtynsky, www.edwardburtynsky.com Visit Edward Burtynsky’s gallery on the theme of “Water”.

AGENDA

DAY TWO: FRIDAY OCTOBER 26TH

7:00 - 8:15	**Breakfast**
8:15 - 9:30	**CEOs Panel** A new kind of thought leadership is emerging as the North American water industry adapts to rising interest rates, rising raw materials prices, and rising client sophistication. Our panel of senior executives are helping to shape the future by driving change to address the needs of a rising population, unpredictable weather patterns, and an increasingly data-driven economy. Chair: **Andrew D. Seidel**, UGSI Solutions, Inc. Speakers: **Allan Connolly**, Aclara **Eric Gernath**, Suez North America **Cindy Wallis-Lage**, Black & Veatch **Bob Pragada**, Jacobs
9:30 - 10:00	**One-2-One Networking & Coffee Break** The One-2-One Networking Sessions are designed to secure valuable face time with any registered delegate. One-2-One Networking provides an intimate setting for you to shake hands and strike pivotal deals.

AGENDA

10:00 - 11:30	**Session Strands**		
	What Do Investors Want From Water? Ultimately, we are all in the business of creating value, but who really understands where value lies in the water sector? In this session we invite four major water investors to critique the strategies of four different kinds of water companies. What do they want from water, and how can we deliver more of those valuable qualities? Chair: **Deane Dray**, RBC Capital Markets Speakers: **Brian Chin**, American Water **Alina Donets**, Allianz Global Investors **Matt Sheldon**, KBI Global Investors	**What Does a Great Water Future Look Like?** The future of the water industry depends on the aspirational visions of young utility leaders. This session gives you the opportunity to be at the forefront of industry development as these young utility leaders, who were matched with a utility mentor prior to the event, present their vision of a water utility in the year 2040. Chair: **Howard Neukrug,** Global Water Leaders Group and Leading Utilities of the World Speakers: **Roger Bailey**, Central Contra Costa Sanitary District **Patrick Cairo**, PCairo Management Consulting LLC **Kishia Powell**, City of Atlanta Department of Watershed Management **Adel Hagekhalil**, City of Los Angeles **Carla Reid**, Washington Suburban Sanitary Commission	**Adaptive Infrastructure: Paths to Preparedness** Water utilities are facing operational threats like never before. From historic flooding and droughts to targeted cyber attacks, cities are beginning to rethink their physical and digital infrastructure to prepare for new extremes. Discover how private companies and utilities can collaborate to adopt innovative stormwater management approaches, water reuse and desalination projects, and front line cybersecurity initiatives. Speakers **Matthew Ries**, DC Water **Marc Cammarata**, Philadelphia Water Department **Jim Lochhead**, Denver Water **Alan Cohn**, New York City Department of Environmental Protection **Erica Brown**, Association of Metropolitan Water Agencies
11:30 -11:45	**Transition Break**		

AGENDA

11:45 - 1:00	**Session Strands**		
	Totex Thinking Perhaps the biggest opportunity for squeezing further efficiencies out of the American water sector is in optimizing procurement between capex and opex. In the UK they call it Totex thinking: the idea that taking separate accounts of profit & loss spending and balance sheet investment ultimately adds to the customer's bill. Instead the focus is on managing risks right down the supply chain to minimize the overall cost to the customer. How can American utilities further optimize their spending to keep rates down? Chair: **Ian Elkins**, GWI Speakers: **Pete Perciavalle**, Stantec **Katherine Oven**, Santa Clara Valley Water District **Brian Cullen**, VICO **Jason Tucker**, Anglian Water Services	**The New Economics of the Regulatory Frontier** Despite retreats in some areas of industrial environmental regulation, the EPA has been active in addressing concerns about emerging contaminants such as PFAS (per- and polyfluoralkyl substances). These bring with them a new technological and financial challenge: how can they be eliminated without an exponential increase in treatment costs? Water Desalination Report Editor Tom Pankratz has brought together some of the key combatants on this regulatory frontier to discuss what is needed in technology terms to sustain these advances in customer protection. Chair: **Tom Pankratz**, Water Desalination Report Speakers: **YuJung Chang**, AECOM **Dr. Dora Chiang**, CDM Smith **Catherine Swanson**, Evoqua Water Technologies **Nora Stockhausen**, Calgon Carbon	**Uninvented Technologies** The needs of municipal end-users and the solutions provided by their private sector counterparts are still far from being reconciled. Chaired by Booky Oren, this session gathers a group of innovative utility leaders to discuss how technological solutions may be developed to meet their long-standing operational and capital challenges. Chair: **Booky Oren**, Booky Oren Global Water Technologies Speakers: **Robert R. Puente**, San Antonio Water System **Erin Mahoney**, The Regional Municipality of York **Deven Upadhyay**, Metropolitan Water District of Southern California **Reese Johnson**, Metropolitan Sewer District of Greater Cincinnati
1:00 - 2:00	**Lunch**		

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1:30 - 2:00	**One-2-One Networking & Coffee Break** The One-2-One Networking Sessions are designed to secure valuable face time with any registered delegate. One-2-One Networking provides an intimate setting for you to shake hands and strike pivotal deals.
2:00 - 3:00	**Closing Panel** The Summit zooms out for an international perspective of the global water market. GWI's Publisher, Christopher Gasson, hosts a panel of industrial and municipal water sector experts with a discussion of what the North American water sector must learn from the rest of the world. Chair: **Christopher Gasson**, GWI Speakers: **Sue Murphy**, Water Corporation, Australia **John Gibson**, Veolia North America **Heiner Markhoff**, Suez Water Technologies & Solutions

SPEAKERS

See all the latest updates, full speaker bios and agenda details at: www.americanwatersummit.com

KEYNOTE SPEAKER

KEYNOTE SPEAKER

RICH KARLGAARD
Publisher and
Editor-at-Large, Forbes

DAY 1 OPENING PLENARY

DEBRA COY
Partner,
XPV Water Partners

DAVE ROSS
Assistant Administrator,
The Office of Water, EPA

DAVID GADIS
General Manager and CEO,
DC Water

SPEAKERS

SESSION SPEAKERS

ADAM KRANTZ
CEO, National Association of Clean Water Agencies (NACWA)

BIJU GEORGE
COO, DC Water

CATHERINE SWANSON
Business Development Manager, Evoqua Water Technologies

DEVEN UPADHYAY
COO, Metropolitan Water District of Southern California

ERIN MAHONEY
Commissioner of Environmental Services, The Regional Municipality of York

ADEL HAGEKHALIL
Assistant Director - Sanitation, City of Los Angeles

BILL MALARKEY
Managing Partner, North America region, Amane Advisors

CHARLIE WALKER
Technology Editor, Global Water Intelligence (GWI)

DISQUE DEANE JR.
Chief Investment Officer & Co Portfolio Manager, Water Asset Management, LLC.

FRANCIS MCALLISTER
Vice President of Land & Water, Freeport-McMoRan

ALAN COHN
Managing Director, Integrated Water Management, New York City Department of Environmental Protection

BILL TEICHMILLER
CEO at EJ Water Cooperative, Inc.

CHRISTOPHER GASSON
Owner, Global Water Intelligence (GWI)

DR. DORA CHIANG
Technical Strategy Leader for Emerging Contaminants, CDM Smith

GEORGE HAWKINS
Founder and President, Moonshot LLC

ALINA DONETS
Allianz Global Water Strategy Co-Portfolio Manager, Allianz Global Investors

BOB PRAGADA
President, Buildings, Infrastructure & Advanced Facilities, Jacobs

CINDY WALLIS-LAGE
President of Water Business, Member of the Executive Committee and Board of Directors, Black & Veatch

EDWARD BURTYNSKY
Founder, Edward Burtynsky Photography

HARLAN KELLY
General Manager, San Francisco Public Utilities Commission

ALLAN CONNOLLY
President, Aclara and divisional vice president, Hubbell Power Systems

BOOKY OREN
Chairman and CEO, Booky Oren Global Water Technologies

DAPHNE A. KENYON, PHD.
Resident Fellow, Tax Policy, Lincoln Institute of Land Policy Environmental Protection Agency (EPA)

EDWARD FANTER
Deloitte , Infrastructure Advisory

HEINER MARKHOFF
CEO, Suez Water Technologies & Solutions

ANDREW D. SEIDEL
CEO and Chairman, UGSI Solutions, Inc

BRIAN CHIN
Senior Vice President, Planning and Strategy Integration, American Water

DAVID HENDERSON
Founder, XPV Water Partners

ERIC GERNATH
CEO, Suez - North America

HOWARD NEUKRUG
Senior Advisor, Global Water Leaders Group and Chair of the Leading Utilities of the World Advisory Board

ANDREW KRICUN
Executive Director & Chief Engineer, Camden County Municipal Utilities Authority

BRIAN CULLEN
President & CEO, VICO

DEANE DRAY
RBC Capital Markets

ERICA BROWN
Chief Strategy and Sustainability Officer, Association of Metropolitan Water Agencies (AMWA)

IAN ELKINS
Editor, Global Water Intelligence (GWI)

SPEAKERS

SESSION SPEAKERS

JAY IYENGAR
Senior VP Chief Innovation & Technology Officer, Xylem

JOHN HALLACY
Program Director and Contributing Editor, The Bond Buyer

KISHIA L. POWELL
Commissioner, City of Atlanta's Department of Watershed Management

PATRICK CAIRO
President, PCairo Management Consulting LLC - New Jersey

SEBASTIEN BESSENET
Technical Director, Veolia Water Technologies, Americas

JEFF GREEN
Executive Chairman, Moleaer Inc.

JON FREEDMAN
Senior Vice President, Global Government Affairs, Suez Water Technologies & Solutions

MARC CAMMARATA
Deputy Commissioner of Planning and Environmental Services, Philadelphia Water Department

PAUL HASLER
North America Editor, Global Water Intelligence (GWI)

SETH BROWN
Principal and Founder, Storm and Stream Solutions

JILL JAMIESON
Managing Director, JLL

KAREN GOLMER
Innovation Manager, MIT Deshpande Center for Technological Innovation

MARK HALLEMAN
Senior Vice President, Inframark

PETE PERCIAVALLE
Director, Client Enterprise Solutions and Utility Optimization, Stantec

STEVE DYE
Legislative Director, Water Environment Federation (WEF)

JIM LOCHHEAD
CEO/Manager, Denver Water

KAREN PALLANSCH
CEO, Alexandria Renew Enterprises

MARTIN ADAMS
Director of Water Operations, Los Angeles Department of Water and Power

RICHARD STOVER
President, Membrane Systems, Gradiant Corporation

SUE MURPHY
CEO, Water Corporation, Australia

JOHN DURAND
President and COO, WaterBridge Resources

KATHERINE OVEN
Deputy Operating Officer, Water Utility Capital Division, Santa Clara Valley Water District

MATTHEW RIES
Chief, Water Quality and Watershed Management, DC Water

ROBERT POWELSON
President and CEO, National Association of Water Companies (NAWC)

TING LU
Principal Engineer, Clean Water Services

JOHN ENTSMINGER
General Manager, Las Vegas Valley Water District and Southern Nevada Water Authority

KENNETH JOHNSON
Rural Utilities Service Administrator, United States Department of Agriculture (USDA)

MICHAEL MISSTISHIN
Environmental Coordinator/ Engineer/Certified Waste Water Operator, D.G. Yuengling & Son Inc.

ROBERT R. PUENTE
President/CEO, San Antonio Water System

TOM PANKRATZ
Editor, Water Desalination Report (WDR)

JOHN GIBSON
President & COO, Municipal and Commercial Business, Veolia North America

KEVIN L. SHAFER
Executive Director, Milwaukee Metropolitan Sewerage District

MICHAEL PATELLA
Senior Policy Advisor, Water Infrastructure and Resiliency Finance Center, Environmental Protection Agency (EPA)

ROGER BAILEY
General Manager and CEO, Central Contra Costa Sanitary District

YUJUNG CHANG
Vice President and Director of Water Treatment Technology, AECOM

SESSION SPEAKERS

RYAN M. CONNORS
Managing Director and Senior Research Analyst, Boenning & Scattergood