CURRENT PRESENTS THE SECOND ANNUAL:

WORLD WATER DAY SYMPOSIUM

PROFILING LEADERSHIP IN WATER RESOURCE MANAGEMENT

MARCH 22, 2019 | 8:00 AM - 1:00 PM
mHUB, 965 W CHICAGO AVE, CHICAGO, IL 60642

Program Guide
designing better urban environments worldwide

water wastewater infrastructure

A leading civil and environmental engineering firm dedicated to providing sustainable water resources solutions to municipalities worldwide.

Current Corporate Member

greeley-hansen.com
Whether you develop, use, or invest in water tech solutions, becoming a member of Current will help you create value, improve performance and deliver results.

**WHY BECOME A MEMBER?**

**Utilities / Industrial Water Users**
*Current* sources and de-risks innovative hardware and software solutions to help water/wastewater utilities, as well as water-intensive industries, ensure compliance, achieve sustainability goals, and optimize operational and financial performance to drive results.

**Water Tech Corporates / Engineering Firms**
*Current* provides curated validation services to help water tech corporates and engineering firms commercialize in-house technologies. *Current* supports M&A strategies by sourcing new innovations that complement existing solution portfolios to strengthen competitive positioning and grow top-line revenue.

**Innovators / Researchers**
*Current* helps innovators gain market traction to accelerate growth and scale, through curated advisory services that validate innovative solutions, assess market fit, and provide access to new channel partners, customers and investment capital. *Current* also supports the commercialization of innovations developed by partnering research institutions.

**Cleantech Investors**
*Current* supports deal flow and due diligence, by identifying investable innovations with demonstrated market potential. By sourcing and de-risking new solutions, *Current* supports the investment objectives of investors, including family offices, as well as VC and PE firms deploying growth capital to corporate venture funds seeking M&A opportunities.

**Professional Services Firms**
*Current’s* targeted events, marketing channels and global network of industry and innovation leaders across the water value chain, offer professional services firms opportunities for business development, as well as the ability to showcase thought leadership and core capabilities to prospective clients.

Join us today! currentwater.org/membership

#WORLDWATERDAYCHI
AGENDA

8:00 AM – 9:00 AM
Registration & Networking

9:00 AM – 9:15 AM
Welcome & Opening Remarks
with Steve Frenkel, Executive Director, Current

9:15 AM – 10:00 AM
Panel 1 – Innovations in Water Infrastructure Finance
Moderator: Andy Richardson, Chairman & CEO, Greeley and Hansen
Featuring:
- Lon Johnson, Founder & CEO, Water Works Fund
- Chris Meister, Executive Director, Illinois Finance Authority
- Debra Shore, Commissioner, Metropolitan Water Reclamation District of Greater Chicago
- Bill Teichmiller, CEO, EJ Water Cooperative

10:00 AM – 10:45 AM
Panel 2 – Stewardship of Urban Waterways
Moderator: Danielle Gallet, Director of Water Resources, Metropolitan Planning Council
Featuring:
- Douglas Voigt, Partner, Skidmore, Owings & Merrill
- Jack Pizzo, Owner & President, The Pizzo Group
- Jennifer Wasik, Aquatic Biologist, Metropolitan Water Reclamation District of Greater Chicago
- Nick Wesley, Co-Founder, Urban Rivers

#WORLDWATERDAYCHI
10:45 AM – 11:00 AM

Coffee Break

11:00 AM – 11:15 AM

Exclusive sneak peek of The Chicago Jazz Philharmonic’s newest album, *The Chicago River*, with Co-Founder, Conductor & Artistic Director, Orbert Davis

11:15 AM – 12:00 PM

Panel 3 – Source Water Protection

Moderator: Andy Martin, Principal & Managing Director of Midwest Operations, Greeley and Hansen

*Features:*

• Randy Conner, Commissioner, Chicago Department of Water Management

• Marcelo Garcia, Professor & Director, Ven Te Chow Hydrosystems Lab, University of Illinois at Urbana-Champaign

• David Lloyd, CEO, FREDsense

• Allison Swisher, Director of Public Utilities, City of Joliet, Illinois

12:00 PM – 1:00 PM

Closing Remarks, Reception & Beer Tasting with Unreconciled Brewing & Sustainable Systems, LLC
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MEMBER TESTIMONIALS

“As a 100-year old family-owned company, we at W.S. Darley see great opportunity as a member of Current to collaborate with other water sector experts, create beneficial partnerships and develop new solutions as part of our commitment to a sustainable future. That’s why Darley is pleased to support Current’s second annual World Water Day Symposium! Darley offers a diverse line of quality equipment, pumps and firefighting apparatus that serve military, municipal, first-responder and humanitarian markets. Other innovative solutions include water purification and sprinkler systems, fire hydrant pressure boosters, water storage, and our bag-in-box water.”

Paul Darley, President & CEO, W.S. Darley

“Current has been invaluable in enabling SigaOT to secure pilot opportunities to demonstrate our innovative cyber and operational intelligence technology in a real-world setting. The Current team was with us every step of the way, helping us navigate the entire process of working with their utility members. Together, we partnered to ensure that our technology met the operational needs of its utility members, while providing SigaOT with an unparalleled platform to showcase how our breakthrough technology generates actionable insights.”

Amir Samoiloff, CEO, Siga-OT Solutions (Israel)

“Greeley and Hansen is the only global provider of comprehensive engineering services in the water sector headquartered in Chicago, a city known globally as a great ‘water city.’ Our mission is strongly aligned with Current’s efforts to advance innovation and research in the water industry. As a founding member of Current, Greeley and Hansen is committed to working with Current’s community of innovators, researchers, investors and end-user to accelerate the solutions our industry needs, from enhancing water treatment to creating ‘smart’ distribution and collection systems, and beyond.”

Andy Richardson, CEO, Greeley and Hansen

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Moderator: Andy Richardson
Chairman and CEO, Greeley and Hansen

Andy Richardson is Chairman and CEO of Greeley and Hansen, a leading global environmental engineering firm headquartered in Chicago. He oversees all business operations and leads the firm’s Executive Management Team. Throughout his 41-year career, Andy has been a constant ambassador and contributor to the advancement of the water industry, and has been asked to serve in various leadership roles on eight Water Association Boards, including as President of AWWA and three others. He is on the Boards of Current and the U.S. Water Alliance. Andy has a BS and MS in Civil Engineering and an MBA, and has authored over 50 technical papers.

Lon Johnson
Founder & CEO, Water Works Fund

For more than 20 years, Lon has served in critical strategic roles for national business, advocacy, and political organizations. Previous positions include Chairman of the Michigan Democratic Party, Vice President in a private equity firm, and senior staff roles for former Vice President Al Gore, U.S. Senator Debbie Stabenow, and Congressman John D. Dingell. Lon holds a BA from Arizona State University.
Chris Meister
Executive Director, Illinois Finance Authority (IFA)

Chris Meister has served as Executive Director of the IFA, the state’s infrastructure bank, since 2009. As the IFA’s chief executive officer, Chris has overseen 390+ transactions, mainly federally tax-exempt conduit bonds involving privately-owned capital projects and publicly-owned infrastructure projects valued at $13.7+ billion. Chris led the issuance of Triple-A rated State Revolving Fund (SRF) Bonds, which restructured the SRF Program to enable increased leveraging, representing the first SRF issue in Illinois in nearly 10 years. Prior to joining the IFA, Chris was Director of Legislative Affairs for the Illinois Department of Commerce. He is a graduate of the University of Illinois College of Law and DePaul University’s College of Liberal Arts.

Debra Shore
Commissioner, Metropolitan Water Reclamation District of Greater Chicago (MWRD)

Debra Shore was elected to the Board of Commissioners of the MWRD in 2006, and was re-elected in 2012 and 2018. Debra has been a strong advocate for cleaning up Chicago’s waterways and for resource recovery, including the reuse of treated water and the generation of biogas. In recognition of her work, she received the Public Officials Award from the Water Environment Federation in 2013. Debra lives with her partner-in-life, Kathleen Gillespie, in Skokie, Illinois. She has also climbed 42 of Colorado’s 54 mountains, more than 14,000 vertical feet.

Bill Teichmiller
CEO, EJ Water Cooperative

Bill is the CEO of EJ Water Cooperative. With his passion for strategic planning and effective utility management, he brings cutting-edge technology to the rural communities that EJ Water helps. He speaks nationally on leadership strategies, creating and advocating for culture in the workforce, rural community relations and regionalization. When Bill joined EJ Water, they served 3,300 meters, 4,500 members with a staff of 9 employees. Under Bill’s leadership, EJ Water has grown to 11,200+ meters, 10,400+ members, 38 employees, and expanded its service area to more than 22 communities, while also providing water to 14 wholesalers.
Current delivers advanced research and market-driven innovations to meet the world's water needs. Current bridges gaps in the water solutions ecosystem to develop, validate, and commercialize innovations for greater environmental and economic sustainability.

**CORE PROGRAMS**

**CURRENT RESEARCH**
AMPLIFIES WATER RESEARCH

- Convenes the capabilities of the Current Research Consortium, a global center of excellence in water research and technology development
- Aligns member research capabilities with market-driven opportunities
- Delivers advanced fundamental science and practical, outcome-based applied research
- Pursues new funding opportunities and cross-institutional/international partnerships

**CURRENT DEMONSTRATION**
VALIDATES INNOVATIVE TECHNOLOGIES

- Identifies the top needs of members, and sources, de-risks and validates potential water tech solutions, through a structured and comprehensive process
- Analyzes technical and economic merits of innovative technologies
- Pilots technologies at-scale through Current’s testbed network of utility and industrial sites
- Assesses market potential and refines the business case for early and growth-stage companies
- Reduces technology time-to-market

**CURRENT CONNECT**
DRIVES GROWTH & SCALE

- Identifies early-adopter and beachhead market customers for successful commercialization
- Connects validated technologies with investors and customers
- Enhances members’ brand awareness through curated events and communication channels
- Supports members’ business development goals through new channel partners, markets and customers
- Builds and convenes, national and international networks of researchers, innovators, solution providers, investors and end-users

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CURRENT BOARD OF DIRECTORS

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#WORLDWATERDAYCHI
Stewardship of Urban Waterways

**Moderator: Danielle Gallet**
**Director of Water Resources, Metropolitan Planning Council**

Ms. Gallet is a water resource strategist, urban planner and adjunct instructor with 16+ years of project and business management experience. As Director of Water Resources for the Metropolitan Planning Council in Chicago, Danielle oversees the agency’s water programs. Previous to her work in water and planning, she worked in private equity, which provides her with a unique perspective on the relationship between financial markets, the built environment and natural resource management. She is a member of the American Planning Association and the American Water Works Association, and has a Bachelors in Business Management and a Masters in Urban Planning and Policy.

**Douglas Voigt**
**Partner, Skidmore, Owings & Merrill (SOM)**

Douglas Voigt leads SOM’s global urban design and planning practice, working closely with city leaders, institutions, and developers across the globe. As a designer and planner, Voigt is a strong advocate that every plan explore the social and natural systems within our larger urban ecology. He is committed to research and synthesis of ideas that transcend best practices. This approach allows for the positioning of new ideas that holistically address the possibilities of the site, program, energy, water, waste, transportation, and air quality within the parameters of economic realities and urban design excellence, while scripting more sustainable models for high-performance infrastructure and livable communities.
Jack Pizzo
Owner & President, The Pizzo Group

Jack Pizzo is the president of The Pizzo Group. Jack is a Landscape Architect, Horticulturist, and Ecologist who holds two degrees from the University of Illinois Urbana-Champaign. Founded in 1988, the Pizzo Group consults, designs, supplies, builds, restores, and manages water and ecosystem projects for public and private clients throughout the country.

Jennifer Wasik
Aquatic Biologist, Metropolitan Water Reclamation District of Greater Chicago (MWRD)

Jennifer Wasik has been an aquatic biologist at the MWRD since 2001. She oversees waterway monitoring programs and is on the executive board of the Illinois Association of Wastewater Agencies and the Lower Des Plaines Watershed Group. Ms. Wasik’s current focus areas include evaluating impacts of road salt on waterways, nutrient implementation planning, and working with local partners to ensure the Chicago waterways can support multiple uses, including healthy aquatic communities and recreation. Ms. Wasik has a BS in Biology from the University of Michigan and an MS in Environmental Management from the Illinois Institute of Technology.

Nick Wesley
Co-Founder, Urban Rivers

Nick Wesley is the co-founder of Urban Rivers, an avid tinkerer and is always building something new. He leads the overall direction and design of Urban Rivers’ Wild Mile, the world’s first-ever floating park in the North Branch Canal of the Chicago River, as well as the Trash Robot, the world’s first-ever user controlled multiplayer trash collection device. Nick is passionate about the intersection of water, urban planning and technology.
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The Chicago River is the newest album to be released by Orbert Davis’ Chicago Jazz Philharmonic, a 60-member jazz symphonic ‘thirdstream’ orchestra merging jazz and classical genres. The five-movement work (commissioned by and premiered at Symphony Center in 2013) celebrates the Chicago River and the impact it has had on making Chicago an American metropolis. The work is inspired by previously unpublished photographs from The Lost Panoramas: When Chicago Changed Its River and the Land Beyond, which documents how Chicago sacrificed the natural environment in order to survive and prosper by reversing the river’s flow.
As Principal and Managing Director, Martin is responsible for directing the firm’s technical and business operations in the Midwest, including Illinois, Indiana, Wisconsin and Michigan. He also manages Greeley and Hansen’s firm-wide Design Center. Martin is a registered Professional Engineer in 5 states and is an Envision™ Sustainability Professional (ENV SP). He holds a BS in Civil Engineering from the University of Illinois at Urbana-Champaign, and is a member of the Water Environment Federation, the Illinois Water Environment Association, and the National Association of Clean Water Agencies.

In 2017, Randy Conner was appointed by Mayor Rahm Emanuel and confirmed by City Council as Commissioner of the Department of Water Management for the City of Chicago. Commissioner Conner has 20+ years of experience with City engineering and infrastructure. Most recently, he served as First Deputy at the Chicago Department of Transportation (CDOT), and the Chicago Department of Streets and Sanitation (DSS). At the Department of Water Management, Commissioner Conner oversees 2,000+ employees, an operating budget of approximately $1 billion, and a capital budget of approximately $750 million annually. Commissioner Conner oversees Mayor Emanuel’s 10-year ‘Building a New Chicago’ program, and attended Purdue University, where he studied Engineering and Construction Principles.
Marcelo Garcia
Professor & Director, Ven Te Chow Hydrosystems Lab, University of Illinois at Urbana-Champaign

Prof. Marcelo H. Garcia is M.T. Geoffrey Yeh Chair in Civil and Environmental Engineering, and Director of the Ven Te Chow Hydrosystems Lab at the University of Illinois at Urbana-Champaign. He served in review boards for the Great Lakes Commission’s St. Clair River Project, Fargo-Moorhead Flood Protection Scheme and the International Scientific Committee to protect Florence, Italy. Prof. Garcia has developed hydrologic and hydraulic models of the Chicagoland drainage systems, as well as the Tunnel and Reservoir Plan (TARP). He developed the first 3D hydrodynamic and water quality model of the Chicago Area Waterway System, unveiling the presence of density currents in the Chicago River during the winter months.

David Lloyd
CEO, FREDsense

David is a synthetic biologist who focuses on using the power of biology to disrupt global markets. He is the co-founder and CEO of FREDsense Technologies, which has been recognized with numerous awards including PwC’s Vision2Reality Award, and the Singularity University Global Grand Challenge in water. David has worked in complex innovation projects, dealing with the intersection of hardware and biotechnology in industrial wastewater treatment and biosensor technologies. He sits as a judge and committee member for the International Genetically Engineered Machines Competition based out of MIT in Boston, and sits on the board of various technology-based not-for-profits.

Allison Swisher
Director of Public Utilities, City of Joliet, Illinois

Allison Swisher is the Director of Public Utilities for the City of Joliet and has worked in the municipal engineering business for 15 years, in both the public and private sector. She has a Bachelor’s of Science degree in environmental engineering from Northwestern University, and a Masters of Public Administration degree from Governors State University. Allison is the secretary for the Chicago Metro Chapter of the American Public Works Association, and president of the Lower Des Plaines Watershed Group.
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With world population at more than 7 billion and water resources that are increasingly finite, it’s time for transformational thinking. From innovative water supply and treatment to effective asset management and conveyance, we manage water to improve your competitiveness and resilience far into the future.

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Water is our most precious resource. Together, we can find innovative solutions to enhance it, use it more productively and ensure its availability.

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