

The logo for Weftec 2017 is located in the top left corner. It features a stylized white 'w' icon followed by the text 'weftec' in a white sans-serif font, with a registered trademark symbol. To the right of this, separated by a vertical line, is the year '2017' in a larger white font. Below 'weftec' is the tagline 'the water quality event™' in a smaller white font. The entire logo is set against an orange rounded rectangular background.

weftec | 2017
the water quality event™

GLOBAL CENTER PROGRAM



MCCORMICK PLACE CHICAGO, ILLINOIS
CONFERENCE SEP 30 – OCT 4, 2017
EXHIBITION OCT 2 – 4, 2017

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GLOBAL CENTER PROGRAM



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MONDAY

GLOBAL CENTER INAUGURATION

Monday, October 2 | 10:30 am - 11:00 am



Ian Steff
Deputy Assistant
Secretary for
Manufacturing,
International Trade
Administration,
U.S. Department of
Commerce



Lee Forsgren
Deputy Assistant
Administrator,
Office of Water,
U.S. Environmental
Protection Agency

Join WEF in welcoming two distinguished members of the U.S. Department of Commerce and the U.S. Environmental Protection Agency to help inaugurate the WEFTEC Global Center. Every year, WEFTEC welcomes 20,000+ water industry professionals, over ten percent of them coming from outside of the United States, to learn about and view the latest cutting-edge technologies, products and services. The presence and participation of U.S. Governmental Officials in WEFTEC helps lend a perspective on the U.S. Government's direction in terms of commercial and environmental relations. WEF gratefully acknowledges their support and taking the time to attend WEFTEC.

CHINA MARKET OPPORTUNITIES

Monday, October 2 | 11:00 am - 12:00 pm

MODERATOR:

John Robinson
Founder Mandarin Environment

PANELISTS:

Ping Zhuang
OperaKng Team/Advisor, I Squared Capital (ISQ) and Chairman of Easen International

Daniel Wong
General Manager, Nanjing International Water Hub, Sembcorp Industries

Michael Wang
Vice President & COO, ALCLE Environmental Solutions Inc.

Xin He
Partner at BioHaven Environmental Solutions, LLC

Jim Su
Senior Project Water Resources Engineer, Golder Associates

The five person panel will include experts in China's water and wastewater markets. Topics of discussion will include: regulations, competition, industry trends, strategies, risks, emerging opportunities and practical advice for companies looking to capture market opportunities in China. This year we are again adding some discussion points about connecting with Chinese investors who are seeking to invest in US water/wastewater technologies. Learn about China opportunities and risks.

Organized by: Mandarin Environment

BREAK

Monday, October 2 | 12:00 pm - 1:00 pm

TECHNOLOGY INNOVATION AND DEMONSTRATIONS HUBS AROUND THE WORLD

Monday, October 2 | 1:00 pm - 2:00 pm

CO-MODERATOR:

Jason Turgeon

Environmental Scientist, U.S. Environmental Protection Agency, USA

CO-MODERATOR:

Jeff Moeller

Director of Water Technologies, WE&RF, USA

PANELISTS:

Valerie Naidoo

Executive Manager: Business Development and Innovations, Water Research Commission, South Africa

Sungpyo Kim

Professor, Korea University, Korea Water Partnership (KWP), Korea

Raad Seraj

Senior Analyst, Client Engagement, WaterTAP, Ontario, Canada

Daniel Wong

General Manager, Nanjing International Water Hub, Sembcorp Industries Ltd., China

Puah Aik Num

Chief Specialist for Water Treatment and Deputy Director of the Technology Department, Singapore PUB, Singapore

Alex Berhutu

Manager Business Development, Water Alliance, Netherlands

This session will provide examples of different technology innovation, testing, and demonstration hubs around the world. Speakers will share insights into different approaches for fostering new technology development and deployment, as well as discuss opportunities for cooperation to advance global innovation and solve critical world water challenges. Examples that will be highlighted include international partnerships and the LIFT FAST Water test bed network.

Organized by: WE&RF, Water Research Commission – South Africa, Korea Water Partnership, WaterTAP, Nanjing International Water Hub, Singapore PUB, Water Alliance - Netherlands

WATER AND WASTE: REDUCE AND REUSE - OUTCOME OF WORLD WATER WEEK 2017 IN STOCKHOLM

Monday, October 2 | 2:00 pm - 2:30 pm

Torgny Holgrem

Executive Director, Stockholm International Water Institute

The session will share the outcome of the 2017 World Water Week on the theme “Water and Waste - Reduce and Reuse”. The conference addressed challenges from all countries of the world, and engaged all relevant actors and stakeholder groups - public, private, international, national, civil society and academia. The value of water was specially highlighted, given the increasing scarcity of water in many countries. World Water Week is organized by SIWI (Stockholm International Water Institute).

Organized by: Stockholm International Water Institute

OVERVIEW OF THE WATER SECTOR IN SOUTH AFRICA AND OTHER AFRICAN MARKETS

Monday, October 2 | 2:30 pm - 3:00 pm

PRESENTERS:

Mohammed Essay

Commercial Specialist, U.S. Commercial Service, Johannesburg, South Africa

Dr. Manjusha Sunil

South African Water Research Commission

The panel composed of the South African Water Research Commission and the U.S. Commercial Service of South Africa, Johannesburg. These groups understand the challenges of working in the South African terrain and can provide U.S. companies expert advice as to what to expect in this market.

Organized by: U.S. Commercial Service, Johannesburg, South Africa

MONDAY

WATER REUSE: FROM RESTRICTED TO POTABLE- GLOBAL PERSPECTIVES

Monday, October 2 | 3:00 pm - 4:00 pm
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MODERATOR:

Dr. Val S. Frenkel, PhD, PE, DWRE

Greeley and Hansen

PANELISTS:

Dr. Ray David, PhD, PE

Greeley and Hansen

Ms. Sara Katz

Katz & Associates

Prof. Tzahi Cath, CSM

Colorado School of Mines

Prof. Bahman Sheikh, PhD, PE

Prof. Kara L. Nelson, PhD

University of California, Berkeley

Lack of water supply is not a new challenge, while a long standing problem. Global warming, climate change, and droughts have made this challenge even more critical not just regionally, while around the globe. Starting with the implementation of landscape irrigation through the Indirect Potable Reuse (IPR) and Direct Potable Reuse (DPR) strategies being considered presently, water reuse has demonstrated that by implementing different types of reuse strategies the new water sources for residents, industry and communities can be provided. This panel of global water reuse experts will share their experience and knowledge on the topic.

Organized by: Greeley and Hansen

WET WIPES: LOCAL SOLUTIONS FOR A GLOBAL ISSUE: AUSTRALIA AND THE GLOBAL ORGANIZATIONS WORKING TOGETHER TO DELIVER SHARE VALUE

Monday, October 2 | 4:00 pm - 5:00 pm
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MODERATOR:

Adam Lovell

Executive Director, Water Services Association of Australia

PANELISTS:

Cynthia Finley, Ph.D.

Director, Regulatory Affairs, National Association of Clean Water Agencies

Yosuke Matsumiya

Director, International Division, Technical Department, Japan Sewage Works Association

Brianne Nakamura, P.E.

Technical Program Manager, Water Environment Federation

Internationally, water businesses are facing the same issue of wet wipes contributing to pipe blockages, and in turn disruption to customer services, extra costs and impacts on the environment. While exact costs are hard to estimate, water businesses in the UK, USA and Australia have indicated it is over \$10 million AUD annually. An international group has been established to finalise a Publicly Available Standard on flushability. With no agreed standard internationally, water businesses continue to recommend customers only flush the three P's – Pee, Poo and toilet Paper.

Organized by: Water Services Association of Australia and Water Environment Federation

THE NETHERLANDS' WATER TECHNOLOGY ECOSYSTEM, THE SUCCESS OF COLLABORATION

Tuesday, October 3 | 9:00 am - 10:00 am

MODERATOR:

Ron Linker

Former News Correspondent in Washington, D.C.

PRESENTERS:

R&D: Leon Korving

Lead Coordinator, WETSUS

Industry: Menno Holterman

CEO Nijhuis Industries

Public Sector: TBD

International: Jeff Bronowski

Manager, City of Akron Water Supply Bureau and Steve Frenkel, Executive Director, Current Innovation

The Netherlands is considered a global leader in flood management initiatives and waste (water) management. A high population density, an enormous agricultural sector, and three rivers running through the country, put high stresses on sharing scarce public space. Innovation, collaboration and an integral systems approach are key to solve societal challenges such as climate change, safe drinking water, and waste water treatment. The Netherlands' Water Technology Ecosystem is a vibrant example of a successful public private partnership: Combining R&D and Innovation, Industry, Public Sector and Society, in order to accelerate discoveries, scientific acceptance, and implementation of innovation in the water sector. This international panel discussion will underline the synergy in an integral and multi-disciplinary approach, will showcase recent developments in nutrient recovery, energy from water, efficient removal of drugs, heavy metals, and phosphate, and will highlight the success of international collaboration. You are invited to share your experiences and vision on the interconnected world of water technology we live in.

Organized by: The Netherlands' Embassy, Washington, D.C.

WATER SCARCITY CHALLENGES IN THE MIDDLE EAST & NORTH AFRICA: EXPERTS DISCUSS CHALLENGES & SOLUTIONS

Tuesday, October 3 | 10:00 am - 11:00 am

MODERATOR:

Dr. Mohamed Dahab

Member Technology Insight Circle, Water Sector, Bilateral US Arab Chamber of Commerce, Department of Civil Engineering, University of Nebraska-Lincoln

PANELISTS:

Glen T. Daigger

Professor of Engineering Practice, Department of Civil and Environmental Engineering, University of Michigan

Dr. Khalil Atasi

Saudi Arabia Country Manager, CDM-Smith, KSA

Mr. Jamie Witherspoon

Vice-President, Cole Engineering

The Bilateral Chamber's panel, made up of international water management experts will explore issues of water demand and scarcity in the MENA region. The panelists will address opportunities for cooperation between water agencies in the MENA zone and international partners. The Bilateral Chamber's panel, made up of international water management experts will explore issues of water demand and scarcity in the MENA region. The panelists will address opportunities for cooperation between water agencies in the MENA zone and international partners. For over 20 years, the Bilateral US-Arab Chamber of Commerce has successfully helped companies identify opportunities, access projects, establish partnerships and increase their footprint in emerging markets. Visit www.bilateralchamber.org

Organized by: The Bilateral U.S. Arab Chamber of Commerce

TUESDAY

AGING INFRASTRUCTURE -
STRATEGIES FOR THE FUTURE
WASTEWATER INFRASTRUCTURE IN
GERMANY: OVERVIEW AND STATUS

ASSET MANAGEMENT FOR AGING
INFRASTRUCTURE: CASE STUDY OF
LINEG

Tuesday, October 3 | 11:00 am - 12:00 pm
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PRESENTERS:

Dipl.-Ing. Johannes Lohaus
Managing Director, DWA - German Association for Water,
Wastewater and Waste
Dipl.-Ing. Karl-Heinz Brandt
CEO, LINEG

For over twenty-five years, DWA has made enquiries among German cities about the condition of their sewer systems. The main results of these enquiries will be presented. Further there will be a presentation from LINEG, a large non-profit operator in the German water sector, on how modern asset management can lead to more efficient operation of wastewater treatment plants. The panel will conclude with a discussion among the speakers and the participants.

Organized by: DWA - German Association for Water, Wastewater and Waste and LINEG

BREAK

Tuesday, October 3 | 12:00 pm - 1:00 pm
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CLOSING THE LOOP: PROVEN WATER
REUSE SOLUTIONS FOR CITIES AND
INDUSTRY

Tuesday, October 3 | 1:00 pm - 2:00 pm
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MODERATOR:

Dr. Peter Gallant
President and CEO, WaterTAP

PANELISTS:

Frédéric Dugré
President and CEO, H2O Innovation (Quebec)
Howie Honeyman
CEO, Forward Water Technologies (Ontario)
Ron Osborne
Chief Strategy Officer, Farmers Edge (Manitoba)
Patrick Littlejohn
Senior Technology Development Specialist, BQE Water
(British Columbia)

There is a new urgency to make the best use of limited water supplies through conservation measures, as well as a growing demand for treatment technologies that can meet strict standards for reuse. During this session, four Canadian companies will provide case studies about how they are helping cities and industry (such as agriculture) cope with drought and “close the loop” on water use.

Organized by: WaterTAP and Global Affaris Canada’s Trade Commissioner Service

UK INNOVATION IN WASTEWATER TREATMENT, REUSE, RECYCLING AND ENERGY RECOVERY

Tuesday, October 3 | 2:00 pm - 3:00 pm

Presenters:

Mike Rosenfeld

Vice Consul-Senior Advisor, UK Department for International Trade,
British Consulate-General, Los Angeles, California

Mark Fletcher

Global Water Leader, Arup Matthew Dickinson, Sales Manager,
Biodome Gas Holders

Justin Dunning

Sales Manager, Chelsea Technologies Group

Michael Murray

Managing Director, NVP Energy

Nikki Peacock

Marketing Manager, SEAMS Ltd.

The UK is home to a highly successful water industry, offering cutting edge technologies, products and services. Representatives from a delegation of UK companies exhibiting at WEFTEC will address and present a variety of the UK's adaptable and innovative solutions including:

- Low-cost, chemical-free wastewater treatment
- Wastewater reuse/recycling for industrial clients
- High performance sensors for environmental monitoring
- Biogas recovery for renewable energy generation
- Water resiliency for a more sustainable future

Organized by: UK Department for International Trade DIT
formerly UK Trade & Investment

INNOVATION TO PRACTICE: HOW WETSUS ENSURES APPLICATION OF RESEARCH IN THE NETHERLANDS AND BEYOND

Tuesday, October 3 | 3:00 pm - 4:00 pm

Leon Korving

Lead Phosphate Recovery Program, Wetsus Center of Excellence for
Sustainable Water Technology

Wetsus, Europe's Center of Excellence for Sustainable Water Technology, is a facilitating intermediary for trendsetting know-how development. Wetsus creates a unique environment and strategic cooperation for development of profitable and sustainable state of the art water treatment technology. The inspiring and multidisciplinary collaboration between companies and research institutes from all over Europe in Wetsus results in innovations that contribute significantly to the solution of the global water problems. Wetsus' scientific research program is defined by the private and public water sector and conducted by leading universities.

Organized by: Wetsus, Center of Excellence for Sustainable Water
Technology and The Netherlands' Embassy, Washington D.C.

TUESDAY

TECHNOLOGICAL INNOVATION IN
SANITATION AT SABESP, BRAZIL

Tuesday, October 3 | 4:00 pm - 4:30 pm
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Marcelo Miki
Manager of Research, Development & Innovation, SABESP

Sanitation in Brazil represents a great challenge, since there is a need for new infrastructures or retrofitting of old ones, thus offering opportunities for innovation. The presentation will share SABESP’s experiences of with Innovation, which has started with Universities through basic research. On the other hand, SABESP could be one of the first companies to adopt innovative technologies developed by suppliers worldwide.

Organized by: SABESP, Brazil

GLOBAL CENTER RECEPTION

Tuesday, October 3 | 4:30 pm - 6:00 pm
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Sponsored by: Greeley and Hansen



Global Professional Membership

Connecting water quality professionals across the globe!

As a leading organization for water quality professionals, the Water Environment Federation (WEF) is committed to supporting the global water community by providing resources and tools needed to effectively educate and train the next generation of water quality stewards.

WEF's Global membership will give you access to people, information, and opportunities that will help strengthen your career—at the click of a button. Global membership allows you to stay informed, enhance your professional network, advance your career, and save money. You'll find substantive information and technical resources, products and services available through WEF's website.

Global members enjoy the following exclusive WEF member benefits:

- Unlimited, free access to WEF's webcasts and online Knowledge Center
- Speaking and publishing opportunities
- WEF Fellows Program
- Exclusive discounts on WEF publications and meeting registration *

For more information on the Global membership option, please visit us online at www.wef.org. You may also contact our Customer Service team by phone at +1-571-830-1545 or e-mail csc@wef.org.

** Based on program guidelines. Restrictions apply.*





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