Beyond all Boundaries

We learn a great deal from history and service. The importance of boundaries — setting them and breaking through them.

We respect all that has happened in our history to bring us to this point in time; however, we have learned not to settle for what is, but to constantly look toward what could be.

With these thoughts as our compass, come join us as we celebrate and learn from decades of service — but look forward to the future and what can be. In history we looked “Beyond All Boundaries,” to strive to do things better and stretch further.

Given our ability to serve, we will find the best answer and will take responsibility to see things through.
“Having attended my first WEFTEC conference in the mid 1990’s, I get excited every year about having the opportunity to speak at WEFTEC and provide tours of vendor equipment on the Expo floor. As a “go to” person when issues arise in the field, I enjoy being able to pass on to others the lessons I have learned from the frontlines: starting/commissioning, maintaining, and troubleshooting pieces of equipment. I will be making several presentations at WEFTEC18 and am happy to provide guided tours on the floor.”

John Koch, Jr.  Tues, Oct 2 at 11:00am | Room 242  //  Wed, Oct 3 at 4:30pm | Room 243

“I am extremely grateful for the invitation to speak at WEFTEC18 for the sixth time in my career. Not many young professionals are provided with these kinds of opportunities. I particularly enjoy giving presentations because they provide me a wonderful and unique opportunity to learn from others. Be sure to catch my presentation, When does it make sense to put all your eggs in one basket and when does it not? in which I will explain how HDR identified an opportunity for the City of Baltimore to improve their biosolids processes while also saving over $100 million for the next 30 years.”

Sebastian Smoot  Wed, Oct 3 at 2:30pm | Room 344

“HDR has been partnering with the City of Bozeman for 15 years and continues to assist them with improvement projects, planning, and permit negotiations. Our Using Water Quality Modeling to Develop Site Specific Numeric Nutrient Criteria and Influence Permitting presentation demonstrates this partnership and leading edge nutrient permitting and compliance in Montana. Having served on our local Member Association board and as our National Delegate to WEF, this organization is very important to me. The sharing of ideas and technical advancement is invaluable.”

Coralynn Revis  Tues, Oct 2 at 9:00am | Room 345
"It is personally important to me to be a part of WEFTEC18, as the Water Environment Federation (WEF) is the premier forum for professional development and networking within our water resource recovery community. The knowledge and perspectives shared by professionals from all backgrounds — regulatory, research, design, and operations — stimulates innovation and creativity and advances our industry as a whole."

Dr. Bryce Figdore  Tues, Oct 2 at 8:30am | Room 242

“I have been attending and presenting at WEFTEC and local WEA conferences since 2004 and find the up-to-date information obtained at these conferences very valuable for learning and building networks. In addition, it helps us find new opportunities to leverage our water quality services in new and exciting ways to the benefit of our clients."

Andy Thuman  Wed, Oct 3 at 2:00pm | Room 355

“Constructing wastewater projects requires collaboration with multiple consultants, vendors, owners, and operators. WEF is a key source of information when evaluating project equipment and process alternatives. WEFTEC provides an opportunity to network directly with the entire wastewater industry. I have also enjoyed presenting at WEFTEC on some of HDR’s unique approaches to project delivery."

Ron Perkins  Tues, Oct 2 at 10:30am | Room 357

"WEF has been an invaluable part of my career development, providing technical training, expanding my professional network, and keeping me up to date on the latest trends, drivers, and technologies in the wastewater sector. WEFTEC brings together all of these benefits into one place through workshops and seminars, the exhibit hall, and other networking events. There’s no better place to meet with clients, and discuss how to solve their upcoming challenges!"

Jamie Eichenberger  Wed, Oct 3 at 1:30pm | Room 239
MONDAY, OCT 1

Career Fair
1:00PM - 4:00PM | New Orleans Morial Convention Center

Fifteen Years of Progressive Membrane Bioreactor Experience in the Pacific Northwest
Author: Pat Roe; Co-Author: Pierre Kwan
1:30PM | 30 minutes | Room 244

Smarter and Greener Design and Operation of Primary Sedimentation Tanks by Three-Dimensional Computational Fluid Dynamic Modeling
Co-Author: Dr. Hany Gerges
3:30PM | 30 minutes | Room 355

TUESDAY, OCT 2

Using Water Quality Modeling to Develop Site Specific Nutrient Criteria and Influence Permitting
Author: Cora Revis; Co-Author(s): David Clark, Michael Kasch, Amanda McInnis
9:00AM | 30 minutes | Room 345

The EchoWater Project: Leveraging Technology to Enhance Project Delivery
Author: Ron Perkins
10:30AM | 30 minutes | Room 357

Improving Tertiary Sand Filter Performance Through Maintenance and Operational Updates
Author: John Koch; Co-Author: Karen Bill
11:00AM | 30 minutes | Room 242

An Innovative and Simple Approach to Grit Evaluation – New Settling Velocity Test Replaces Sieve Analysis
Author: Dr. Hany Gerges; Co-Author(s): Ulises Martinez, Amy Omae
11:00AM | 30 minutes | Room 243

Achieving Process Optimization and 30 Percent Energy Efficiency Through the Purchase of an “Expensive” Turbo Blower
Author: John Koch; Co-Author(s): Kenny Packard, Jeff Zahller
11:30AM | 30 minutes | Room 347

Technology + Field Verification = Mega-Savings From Reduced Inflow
Author: Bill Lloyd; Co-Author: Heather Lindner
1:30PM | 30 minutes | Room 243

SUNDAY, SEPT 30

HDR Client Event (RSVP Only)
The National WWII Museum, U.S. Freedom Pavilion
1117 Calliope Street, New Orleans, LA | 7:00 - 9:30pm
Aerobic Granular Sludge Bioaugmentation in Low-SRT Flocculent Activated Sludge: Bench-Scale Demonstration and Pilot Testing
Author: Dr. Bryce Figdore
8:30AM | 30 minutes | Room 242

Feasibility Study of Autotrophic Denitrification for Treatment of Industrial Wastewater in Sequencing Batch Reactor (SBR) and Static Granular Bed Reactor (SGBR) Systems
Co-Author: Eric Evans
10:30AM | 30 minutes | Room 356

Experience of Implementing Biotic Ligand Model for Municipal Dischargers in the Pacific Northwest
Author: Murthy Kasi; Co-Author: Tom Dupuis
11:30AM | 30 minutes | Room 345

Stress Testing of a Secondary Clarifier with an Adaptive Inlet Structure
Speaker: Mario Benisch; Co-Author: Dr. JB Neethling
1:30PM | 3 hours 30 minutes | Room 239

Role of Coastal Modeling in Long Island Nitrogen Management Efforts
Author: Andy Thuman; Co-Author(s): Djibrilla Rapant, Ruta Rugabandana
2:00PM | 30 minutes | Room 355

Co-Author: Nitin Katiyar
2:30PM | 30 minutes | Room 342

When Does It Make Sense to Put All Your Eggs in One Basket and When Does It Not: Case Study of Biosolids Process Centralization
Author: Sebastian Smoot; Co-Author(s): Larry Hentz, Tom Kochaba
2:30PM | 30 minutes | Room 344

Utilizing Hydraulic Model Based Optimization to Determine Prioritized Solutions to Accommodate Future Growth in Mill Creek Watershed
Co-Author: Ryan Eisele
4:00PM | 30 minutes | Room 243

Rubber Expansion Joints on Pumps – The Good the Bad and the Ugly
Author: John Koch; Co-Author: Greta Gilman
4:30PM | 30 minutes | Room 243
ERNEST N. MORIAL CONVENTION CENTER

MON, OCT 1
- Room 244 - 1:30pm
- Room 355 - 3:30pm
- Room 347 - 4:30pm

TUES, OCT 2
- Room 345 - 9:00am
- Room 357 - 10:30am
- Room 242 - 11:00am
- Room 243 - 11:00am
- Room 347 - 11:30am
- Room 243 - 1:30pm
- Room 242 - 2:00pm

WED, OCT 3
- Room 242 - 8:30am
- Room 356 - 10:30am
- Room 345 - 11:30am
- Room 239 - 1:30pm
- Room 355 - 2:00pm
- Room 342 - 2:30pm
- Room 344 - 2:30pm
- Room 243 - 4:00pm
- Room 243 - 4:30pm