

## Jacobs Presentations at ACE19 (Sunday, 6/9)

Track		Time	Location
Session Time	Session	Name	
<b>Sunday, 6/9</b>			
<i>PCW02—Optimizing Filter Performance—Surveillance, Data Analysis and Maintenance</i>		8:00 am—4:30 pm	
3:00 pm—4:00 pm	Data Analysis and Group Discussion on Findings	<i>Enoch Nicholson</i>	

## Jacobs Presentations at ACE19 (Monday, 6/10)

Track		Time	Location
Session Time	Session	Name	
<b>Monday, 6/10</b>			
<i>MON08- Using Models for Improving Plant Design, Operation, and Energy Reduction</i>		2:00 pm—5:00 pm	
2:00 pm—2:30 pm	Baffled by Water Treatment Plant Design? Try CFD.	<i>Hilary Feier</i>	
3:30 pm—4:00 pm	15 Years of Lessons Learned: Best Practices in Treatment Plant Process Control Strategies	<i>Tyler Nading</i>	
<i>MON10 - Indirect Potable Reuse Technologies and Projects</i>		2:00 pm—5:00 pm	
3:00 pm—3:30 pm	Operational Results and Optimization of HRSD's 1-MGD SWIFT Research Center for Advanced Treatment and Aquifer Recharge	<i>Stefania Hurtado</i>	
4:00 pm—4:30 pm	Using a Digital Twin to Enhance Control System Design and Operator Training at a 34 MGD Reuse Facility	<i>Kyle Hegger</i>	
<i>MON13- Getting Ahead of Boots on the Ground; Incorporating Communications into Big Construction Projects</i>		2:00 pm—5:00 pm	
4:00 pm—5:00 pm	Ask the Expert-Communicating About Big Construction Projects	<i>Marci Davis</i>	
<i>MON17- Regional Planning Facilitates New Water Source Development</i>		2:00 pm—5:00 pm	
3:30 pm—4:00 pm	Sustainable Management of Water Supply Portfolio in Los Angeles	<i>Jagjit Kaur</i>	
<i>PST01- Water Quality Challenges/Advances in Water Treatment/Membranes</i>		2:00 pm—3:30 pm	
Poster	(MT) Selection of Membranes for a Greenfield Project through Bench and Pilot Studies	<i>Chandra Mysore</i>	
Poster	(WT) A Novel Technique to Measure and Characterize Floccs and Settling Behavior for Design of Sedimentation Basin	<i>Rajat Chakraborti</i>	
Poster	(WT) Maintaining Distribution System Water Quality During a Groundwater to Surface Water Supply Transition	<i>Tony Myers</i>	

## Jacobs Presentations at ACE19 (Tuesday, 6/11)

Track		Time	Location
Session Time	Session	Name	
<b>Tuesday, 6/11</b>			
<b>TUE14- Potable Reuse Permitting, Regulatory Framework and Trends</b>		8:30 am—11:45 am	
	Moderator		<i>Jason Curl</i>
11:15 am—11:45 am	How to Regulate and Control Organics for Potable Reuse Plants that Don't Use Reverse Osmosis		<i>Larry Schimmoller</i>
<b>TUE17—Research and Stakeholder Relations: The Unsung Heroes of a High Quality Communications Program</b>		8:30 am—11:45 am	
	Moderator		<i>Marci Davis</i>
<b>TUE20- Colorado's Water Plan: Collaborative, Statewide Water Forecasting and Planning in Uncertain Times</b>		8:30 am—10:00 am	
8:45 am—9:15 am	Incorporation and Use of Scenario Planning		<i>Klint Reedy/Brendan Hedel</i>
<b>TUE23- Stormwater Projects Benefit from Regional Partnerships</b>		1:30 pm—4:30 pm	
11:45 am—12:00 pm	Holistic Approaches to Managing Water Resources in Los Angeles to Enhance Local Water Supplies and Restore Habitat		<i>Jagjit Kaur</i>
<b>TUE35 - Distribution System Management Using Updated Technologies</b>		1:30 pm—4:30 pm	
1:30 pm—2:00 pm	Smarter Water Distribution Systems Through Better Data and Energy Management		<i>Brian Skeens</i>
<b>TUE36 - Back to Basics: Coagulation and Filtration</b>		1:30 pm—4:30 pm	
2:30 pm—3:00 pm	Clarification Processes, How to Pick the Right One to Make the Rest of the Treatment Plant Work		<i>Russell Ford</i>
<b>TUE42- Control Strategies Improve Treatment and Quality</b>		1:30 pm—4:30 pm	
2:00 pm—2:30 pm	Complete Water Treatment Plant Simulation Prior to Startup: Control Logic Functional Acceptance Testing Using Dynamic Simulation		<i>Stephanie McGregor</i>
3:00 pm—3:30 pm	Simulating Air and Liquid Streams to Reduce Risk While Developing Control Logic Upgrades at a Treatment Facility		<i>Michelle Mayes</i>
<b>TUE52 - Spotlight on PFAS</b>		1:30 pm—4:30 pm	
4:00 pm—4:30 pm	A Pilot-Scale Assessment of Current and Novel Adsorbents for Treatment of Per- and Polyfluoroalkyl Substances (PFAS)		<i>Scott Grieco</i>
<b>PST03— Pipes, Asset Management, Design/Construction/O&amp;M</b>		1:30 pm—3:00 pm	
Poster	(DC) Maximizing Treatment Capability and Visual Appeal on a Constrained Site		<i>Joseph Zalla</i>

## Jacobs Presentations at ACE19 (Wednesday, 6/12)

Track		Time	Location
Session Time	Session	Name	
<b>Wednesday, 6/12</b>			
	<i>WED13 - Intelligent Technology Improves Utility Operations</i>	8:30 am—11:00 am	
8:30 am—9:00 am	Smart Water Networks – The Puzzle Pieces are Now Available, Here is How to Put Them Together and Why You Want To		<i>Brian Skeens</i>
	<i>WED20 - The Art of Capital Planning, Strategy and Finance</i>	8:30 am—11:00 am	
	<i>WED24- Continuing Evolution of Water Treatment</i>	1:30 pm—4:30 pm	
	Moderator		<i>Paul Swaim</i>
	<i>WED29- Defining Sustainable Infrastructure for the Water Industry</i>	1:30 pm—4:30 pm	
1:30 pm—2:00 pm	Defining Sustainability for Water Utilities and Developing Policies		<i>Brian Skeens</i>
	<i>WED37 - Innovative Concept and Approaches to Addressing Uncertainty in Long-Range Planning</i>	1:30 pm—4:30 pm	
3:00 pm—3:30pm	Smart Master Planning for the 21st Century		<i>Brian Skeens</i>