

Technical Program

50+ Sessions - Earn up to 11.5 Contact Hours

Tuesday Afternoon, June 15, 2010

Session 1: Management

#	Time	Primary Speaker	Title
1	1:30 – 2:00	Dax Blake	City of Columbus Wet Weather Management Plan
2	2:00 – 2:30	Mark Livengood	MCWS Position Consolidation
Break	2:30 – 2:45		
3	2:45 – 3:15	Michael Sweeney	Take Time to Gauge Your Performance
4	3:15 – 3:45	Roberta Acosta	Introduction to RCAP - Part 1
5	3:45 – 4:15	Roberta Acosta	Introduction to RCAP - Part 2

Session 2: Potpourri

#	Time	Primary Speaker	Title
1	1:30 – 2:00	Kris Ruggles	Young Professionals: Ideas and Opportunities for Career Development
2	2:00 – 2:30	John Krinks	Digester Gas Recovery Alternatives at the SWWTP and the JPWWTP
Break	2:30 – 2:45		
3	2:45 – 3:15	Sridar Vedachalam	Student Perceptions on Water Resources and Re-Use at a Large University in Ohio
4	3:15 – 3:45	Brandon Fox	Tussing Road WRF NPDES Permit Appeal
5	3:45 – 4:15	Seth Bradley	Options for Solids and Floatables Control

Wednesday Morning, June 16, 2010

Session 3: Wet Weather Issues

#	Time	Primary Speaker	Title
1	8:30 – 9:00	Leslie Schehl	CSO 419 Green Infrastructure Master Planning
2	9:00 – 9:30	Adam Hoff	Napoleon LTCP: A Story of Success
3	9:30 – 10:00	David Shank	Evaluation of Chemically Enhanced High Rate Treatment of SSO 700
Break	10:00 – 10:15		
3	10:15 – 10:45	John Barton	Flow Monitoring Basics
4	10:45 – 11:15	Sandra Doyle-Ahern	Green Infrastructure Stormwater Management Options in an Ultra-Urban Redevelopment
6	11:15 – 11:45	Rhonda O'Connell	A Tale of Two Storms – How Understanding Your Collection System's Wet Weather Flows Affects Capital Upgrade Costs

Session 4: Process Design

#	Time	Primary Speaker	Title
1	8:30 – 9:00	Earnest Childs	Archaea: Essential Microbial Domain for Wastewater Breakdown
2	9:00 – 9:30	Ed Greenwood	Solving Industrial Water Resource Challenges with MBR Technology
3	9:30 – 10:00	Steven Reese	Dewatering Technology: Traditional Versus New
Break	10:00 – 10:15		
3	10:15 – 10:45	Michael McGehee	An Overview of Tertiary Filtration Using Cloth Media Filtration Technology
4	10:45 – 11:15	Randall Wirtz	Sustainable WWTP Design Opportunities: A Case Study
6	11:15 – 11:45	Anthony Farina	It is Hot Air of the Next Breakthrough? Evaluation of High Speed Direct Drive Blowers

Session 5: Capital Projects and Initiatives

#	Time	Primary Speaker	Title
1	8:30 – 9:00	Michael Hall	Managing Complicated Tunnel Projects – Lessons Learned
2	9:00 – 9:30	Chad Dunn	Columbus Southerly WWTP New Headworks
3	9:30 – 10:00	Bill Johngrass	Concrete Restoration at the Southerly WWTP
Break	10:00 – 10:15		
3	10:15 – 10:45	James Ward	Field Testing of Pump Stations
4	10:45 – 11:15	Stuart Browns	A Dangerous Situation Exposed with Private Property Laterals
6	11:15 – 11:45	Daniel Miller	City of Jackson, Ohio Blending Conventional Treatment and Membranes

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Session 6: Phosphorus and Long Term Planning Initiatives

#	Time	Primary Speaker	Title
1	1:30 – 2:00	Samuel Jeyanayagam	A Review of the Current State of Knowledge on Phosphorus Removal
2	2:00 – 2:30	Samuel Jeyanayagam	The Other Phosphorus Predicament
3	2:30 – 3:00	Robert Smith	To Everything there is a Season – Lessons Learned from Two Seasons of Phosphorus Removal at the Greene County Sugarcreek WRRF
Break	3:00 – 3:15		
4	3:15 – 3:45	Randall Wirtz	In the Billions: The Capital and Long-Term Costs of Complying with Proposed Phosphorus Criteria
5	3:45 – 4:15	Kathleen Smith	Bio-Solids Management Optimization and Alternatives Analysis Based on Greenhouse Gas Emissions

Session 7: Laboratory

#	Time	Primary Speaker	Title
1	1:30 – 2:00	Amy Hurley	The Way We Do the Things We Do
2	2:00 – 2:30	Denise Seman	What Happens to a Sample After It Reaches the Lab?
3	2:30 – 3:00	Denise Seman	Control Charts and How to Use Them
Break	3:00 – 3:15		
4	3:15 – 3:45	Martyn Burt	Red Flag Program
5	3:45 – 4:15	Gary Yakub	QA/QA of Fecal Coliforms by MF:SM9222D

Session 8: Sustainability

#	Time	Primary Speaker	Title
1	1:30 – 2:00	Joe Robinson	Water Supply and Reuse Strategies in the Southeastern U.S.
2	2:00 – 2:30	Kevin Rhodes	Exploring the Feasibility of Sludge to Energy
3	2:30 – 3:00	Phil Anderson	Carbon Footprint and Cost Effective Operation of a Sludge Thermal Dryer
Break	3:00 – 3:15		
4	3:15 – 3:45	Thomas Angelo	Sustainability in Human Resource Planning
5	3:45 – 4:15	Steven Shulze	Cultivating Authentic Relationships

Thursday Morning, June 17, 2010

Session 9: Optimizations

#	Time	Primary Speaker	Title
1	8:30 – 9:00	Jeff Hersha	When is Green Green
2	9:00 – 9:30	Michael Welke	Polymer Testing: The Forgotten Cost
3	9:30 – 10:00	Samuel Jeyanayagam	Low Cost Optimization of Final Clarifiers – The Value of Knowledge Based Tools
Break	10:00 – 10:15		
4	10:15 – 10:45	Shawna Gill	Algae Control Methods Compared: The Importance of Successful Algae Control for Facilities with UV Disinfection.
5	10:45 – 11:15	John Barszewski	TIN Removal for an Oxidation Ditch with a Groundwater Discharge

Session 10: Regulatory

#	Time	Primary Speaker	Title
1	8:30 – 9:00	George Elmaraghy	Ohio EPA Update
2	9:00 – 9:30	Elizabeth Wick	Tales for the Dark Side...What Ohio EPA is Looking For During a Compliance Inspection
3	9:30 – 10:00	William Zawiski	Stressor Identification Project in the Tinker's Creek Watershed
Break	10:00 – 10:15		
4	10:15 – 10:45	Robin Halperin	Ohio WARN - What Can It Do For You?
5	10:45 – 11:15	Dale Kocarek	Proposed Rules and Regulations – A Look into the Future and the Role that OWEA Wishes to Play

Thursday Afternoon, June 17, 2010

#	Time	Primary Speaker	Title
1	1:00 – 2:30	Rick Varner	Tour of City of Marysville WRF