

The Joint CWEA and CSAWWA Water Reuse Committee presents the:

2018 Water Reuse Seminar November 8, 2018

Water Reuse's Role in Our Region's Future



Join us as CWEA and CSAWWA host the 2018 Water Reuse Seminar. Enjoy technical presentations on the latest **technical research, regional water reuse projects, master planning, regulations, and other relevant issues in water reuse**. Come learn, discuss, and share what others are doing to study and capitalize on the emerging opportunities and advantages of Water Reuse.

Seminar will kick-off at 8:30 a.m. with a short introduction by the Committee Chairs. The morning session will include a 30-minute break for interaction with the vendors. Lunch is scheduled from 12:00 to 1:00 p.m.

If you have any questions regarding this seminar contact Zohreh Movahed at zmovahed@watek.com or call (240) 780-7676 or Kelly Landry at klandry@hazenandsawyer.com or call (703) 267-2747.

If your firm would like to have a display at this seminar, contact Lori Barroga at lbarroga@riordanmat.com or call 301-858-0609.

4.5 PDH credits, 4.5 contact hours (pending approval)

Registration: <https://www.chesapeakewea.org/>

[Click Here](#) to register online by credit card.

8:00 a.m. – 3:45 p.m.

Elks Lodge
2 Pythian Drive
Edgewater, Maryland 21037
Elks622.com
(410) 573-0201

**For more information
contact:**

Zohreh Movahed, PhD, PE
zmovahed@watek.com
(240) 780-7676

Kelly Landry, PhD
klandry@hazenandsawyer.com
(703) 267-2747

Rates:
Registration

Member
\$80

Non-Member
\$100

Student
\$35

Fall 2018

Water Reuse Seminar

Time	Session No.	Speaker	Topic	Description
8:00 – 8:30 REGISTRATION				
MORNING SESSION				
8:30 – 8:45	Welcome	Zohreh Movahed, Ph.D., P.E. CWEA Chair of Joint Water Reuse Committee		Kelly A. Landry, PhD CSAWWA Chair of Joint Water Reuse Committee
8:45 – 9:15	Keynote 1	National Perspective on Water Reuse Master Planning <i>Pat Sinicropi, Executive Director, WaterReuse Association</i>		
9:15 – 10:00	1	Julie Minton Water Research Foundation, Alexandria, VA	<i>Water Research Foundation – Advancing Potable Reuse Program</i>	The Water Research Foundation has a robust potable reuse program, most recently supported by the State Water Board in CA through a \$4.5M grant. This presentation will focus on the recent findings of potable reuse research, as well as the current program and upcoming RFPs to move implementation of projects and regulatory development forward.
10:00 – 10:45	2	Simin Rezai, PhD , Water and Science Administration, Maryland Department of the Environment	<i>Emerging Contaminants</i>	Emerging contaminants such as PFOA, PFOS, PDBE, perchlorate, NDMA, 1,4-dioxane, and microplastics, among others, are a growing issue for reclaimed water and potable reuse facilities. This presentation focuses on the fate, transport, and treatment of these contaminants.
10:45 – 11:15 MID-MORNING BREAK				
11:15 – 12:00	3	Jim George, PhD/Matt Rowe Maryland Department of the Environment	<i>MD Regulations and Water Reuse Master Planning</i>	This presentation will highlight how MDE is actively addressing the Three Goals of Maryland's Water Reuse Initiative: <ol style="list-style-type: none"> 1. Increase Existing Types of Reuse 2. Expand into New Types of Reuse 3. Develop Guidance, Rules, and Tools to Make Reuse Easier
12:00 – 1:00 LUNCH				
AFTERNOON SESSION				
1:00 – 1:30	Panel Discussion	<i>Panel Discussion</i>		
1:30 – 2:15	4	Bob Angelotti, P.E. , Deputy Executive Director of Technical Services, Upper Occoquan Service Authority	<i>Four Decades of Potable Water Reuse Planning and Discovery at UOSA</i>	For four decades, reclaimed water from the Upper Occoquan Service Authority has been an integral component of the Occoquan Reservoir water supply that serves over 1.4 million residents of Northern Virginia. This presentation will focus on UOSA's experience as one of the leading IPR facilities in the country.
2:15 – 3:00	5	Lauren Zuravnsky, P.E. , Chief of Design & Construction – SWIFT, Hampton Roads Sanitation District	<i>Implementing Managed Aquifer Recharge in Eastern Virginia</i>	In May 2018, HRSD opened the SWIFT Research Center and brought on-line an approximately 1 MGD ozone and carbon-based advanced treatment train. SWIFT Water is pumped into the Potomac Aquifer, as it meets primary drinking water quality targets and is compatible with the aquifer. HRSD is now taking the next steps towards implementing full scale SWIFT treatment facilities at up to five treatment plants in the next 10+ years.
3:00 – 3:45	6	Chris Phipps, P.E. , Director of Public Works, Anne Arundel County	<i>Anne Arundel County's 13 Plan to Address Water Supply and TMDL Challenges: Isolate, Integrate, and Implement</i>	Anne Arundel County is developing an integrated plan to address sustainable water supply and nutrient management challenges facing the County's growing population. New technologies; strategies; and programmatic changes will be considered to meet these obligations and allow the County to pace its plan concurrent with need and capacity to deliver.