

2019 Annual Conference & Expo

Sunday, July 14

9:00 - 6:00 **Registration Opens** (Savannah Convention Center)

5:00 - 6:00 **Exhibit Hall Grand Opening / Meet & Greet Reception**

6:00 **Sunday Evening Event: Water For People Barbeque Cook-off - [NEW LOCATION](#) (*must have ticket to enter*)**

Monday, July 15 *(5 recertification points available)*

7:00 - 8:00 **5K River Run/Walk** - Meet in front of the Westin *(Separate registration required)*

7:00 - 8:00 **Morning YOGA** (Westin Ballroom) - **It's Possible! Touch your nose and your toes! A morning yoga stretch for water professionals.**
Start your day with an "all levels" yoga class on the Westin lawn at 7 AM with Sharon Endress and Pam Burnett. Bring your own mat and towel, if you have them (we'll have a few available, if you don't have a mat). No registration required.

8:00 **Conference Registration Opens**

8:00 - 11:00 **Exhibit Showcase Opens with Hot Breakfast Items** - Welcome to the GAWP Annual Conference! Come take a look at the premier suppliers of equipment and services and learn about the latest water, wastewater, and stormwater technologies available in our industry.

8:00 - 11:00 **People Choice Best-Tasting Tap Water at GAWWA Booth, stop by to vote. Voting ends Monday afternoon.**

New Member Social (Convention Center Lobby Tondees Area)

9:30 - 10:30 *Join us for an informal meet and greet—let's kick off the conference together! This is a great opportunity for those who are new to GAWP, new to the annual conference, or looking to get more involved. Come and meet active GAWP members who can connect you to committees you may be interested in, conference sessions that fit your needs, and other GAWP members with similar interests. Everyone is welcome!*

Community Keynote Luncheon - It's Possible! Rising Through the Ranks... (Upstairs Ballroom)

11:00 - 12:30 *Hear stories from our own industry professionals about their path from an entry level position to achieve a GREAT CAREER in water. Program includes President Kim Holland, Community Keynote Speakers, and GAWP Awards. (Lunch included with conference registration. Exhibit Hall closed.)*

1:00 - 5:00 ***Student Poster Session - Want to learn more?*** *Returning for the 2nd year, GAWP's Membership Committee invites you to engage with students as they share their research on new and interesting topics in water. Student posters will be displayed along the hallway outside of sessions on Monday and Tuesday of the conference. Students will be present with their posters on Monday afternoon and will be ready to discuss! Ask plenty of questions, share your experiences, and help us get the next generation interested in becoming Georgia water professionals!*

	Session 1 (Meeting Room 106)	Session 2 (Meeting Room 101)	Session 3 (Meeting Room 104)	Session 4 (Meeting Room 204)	Session 5 (Meeting Room 103)	Session 6 (Meeting Room 205)	Session 7 (Meeting Room 202)
	Water 1	Wastewater 1 Biosolids	Public Education	Leadership	Laboratory	Master Planning	Green Infrastructure Part I – Projects
	Moderator: Brian Skeens	Moderator: Herb Timmerman	Moderator: Sarah Skinner	Moderator: Milbree Lankford	Moderator: Kelly Prescott	Moderator: Jason Powers	Moderator: David Elliott
1:00 - 1:30	AWWA Update <i>Randy Moore, AWWA VP</i>	State of the Art for Thermal Hydrolysis of Biosolids in the US <i>George Patrick and Mio Unno, Arcadis</i>	<i>FOG Education in the Schools</i> <i>Brenda Winston, DeKalb County DWM</i>	Leading Your Utility into the Future <i>Margie Hamner, Starfish Consulting</i>	The Relevance of Alkalinity in the Water Supply <i>Matthew Fowler, Cobb Marietta Water Authority</i>	Master Plan Spotlight Forum <i>David Hatabian, City of Canton</i>	A Case Study of the Willert Park Neighborhood Green Infrastructure Project and Applying Envision <i>Andrew Casolini, Wendel</i>
1:30 - 2:00	Everyone Forever: Bringing an End to the Global Water and Sanitation Crisis <i>Julia Correia, AWWA Water For People</i>	Advanced Drying, Efficiencies and Mechanics <i>Tid Griffin, Gryphon Environmental</i>	Water Worx: Presenting Green Infrastructure to Elementary School Students <i>Shayla Nealy, Wendel Companies</i>	What Did You Say? 7 Tips for Getting Heard <i>Matt Cartwright, Freese and Nichols</i>	Laboratory Ethics <i>Sean Earley, GA EPD</i>	Master Planning for More Than Growth: 2018 Columbus Water Works Master Plan Update with a Focus on System Optimization and Non-Capacity Related Projects <i>Kevin White, Columbus Water Works</i>	Going Green in Atlanta <i>Todd Hill, City of Atlanta and Rob MacPherson, Prime Engineering</i>
2:00 - 2:30	New Opportunities to Partner with Agriculture to Protect and Improve Water Quality <i>Tina Jerome, USDA NRCS</i>	Thermal Sludge Drying and Biosolids Management Flexibility: A Case Study with Athens-Clarke County <i>Scott Hardy, Hazen and Sawyer & Mike Hughes, Athens-Clarke County</i>	Serving the Community that Serves You <i>Jillian Jack, Tetra Tech</i>	Communicating Hope: What is Your Staff Looking for? <i>Hatem El-Sayegh, Barge Design Solutions</i>	Chlorine: The Silent Killer <i>Ryan Richardson, Swan Analytical</i>	The Value of Water: Application of Economics in Water Resource Decision Making <i>Grace Johns, Hazen and Sawyer</i>	Partnering with Parks to Achieve Improved Water Quality <i>Barry Amos, City of Atlanta</i>
2:30 - 3:30	Product Review & Break in Exhibit Hall						

	Session 8 (Meeting Room 106)	Session 9 (Meeting Room 101)	Session 10 (Meeting Room 204)	Session 11 (Meeting Room 104)	Session 12 (Meeting Room 103)	Session 13 (Meeting Room 205)	Session 14 (Meeting Room 202)
	Water 2 PFOS and PFAS	Wastewater 2 General Treatment	Safety	Utility Finance & Management	Distribution I	Pumping Systems	Green Infrastructure Regulations & Training
	Moderator: Ben Moss	Moderator: Michael Diaz	Moderator: Roy McConnell	Moderator: Jason Bodwell	Moderator: Cody Kelly	Moderator: Daniel Manny	Moderator: Kevin Osbey
3:30 - 4:00	Unregulated Perfluorinated Compounds: The Risks, the Considerations, and the Solutions <i>Dustin Mobley, Black & Veatch</i>	Benefits of a Progressive Design Build Project Delivery: Macon's Case Study <i>Ben Adams, Barge Design Solutions</i>	C.R.A.S.E. Civilian Response to an Active Shooter Event: What YOU Need to Know in Case You or Your Business are Ever Faced with the Worst of the Worst! <i>Jason Gunkle, Marietta Police Department Special Weapons and Tactics</i>	We Need a Rate Increase, But How Do We Compare? <i>William B. Ziebertz, Jr, Stantec Consulting Services</i>	Preparing for Lead and Copper Revisions: Utilities Taking a Proactive Approach to Corrosion Control <i>Becki Rosenfeldt and Roger Arnold, Hazen and Sawyer</i>	Minimize Footprint and Your Maintenance Headaches: Self-Cleaning Trench Type Wet Wells <i>Trooper Smith, Freese and Nichols</i>	Metro Water Districts Runoff Reduction Feasibility Guidance <i>Katherine Atteberry, Atlanta Regional Commission & David Elliott, Brown and Caldwell</i>
4:00 - 4:30	Flexible Approaches for Treating PFAS in an Uncertain Regulatory Future: Three Case Studies <i>David Briley, Hazen and Sawyer</i>	Douglasville, Georgia, is Taking a Bite Out of Bio-P <i>Keith Higgs, DDCWSA and Sophia Baker, OVIVO</i>		It Makes Cents, AMI <i>Barry Lucas, Forsyth County and Brian Skeens, Jacobs</i>	Drone Usage in Water/Wastewater Systems <i>Frank Evans, Randy Gillis and Heather Veal, Macon Water Authority</i>	Multi-Scenario Plant Water Design Using Bentley WaterGEMS <i>Travis Thomas, Arcadis and Uche Chioke, City of Atlanta</i>	The Value of the the NGICP Program <i>Angelique Young, City of Atlanta</i>
4:30 - 5:00	Strategies for Addressing Emerging Per- and Poly-Fluoroalkyl Substances (PFAS) <i>Pete D'adamo, HDR</i>	GWEF Business Meeting – Welcome <i>Ifetayo Veneer, Arcadis</i>		Georgia Water and Wastewater Rates Dashboard: An Interactive Dashboard Session <i>Austin Thompson, UNC EFC</i>	Preparing to Serve 1,000,000: Gwinnett County DWR Distribution Master Plan <i>Clay Zielinski, Barge Design Solutions</i>	Case Study: Physical Modeling Scenario <i>David Werth, Clemson Hydraulics Engineering</i>	Panel Discussion Thriving Green Infrastructure: It's Possible and How To Do It <i>Rob MacPherson, Prime Engineering; Barry G. Amos, City of Atlanta; David Elliott, Brown and Caldwell; Angelique Young, City of Atlanta</i>

5:00 - 6:00 Presidential Reception
Please join us! All conference attendees and exhibitors are invited to attend just outside the exhibit hall for a drink. Stop by and chat about "what's possible" with outgoing President Kim Holland.

Tuesday, July 16 (5 recertification points available)

7:30 - 8:30 **Conference Registration and Exhibit Hall Opens with Hot Breakfast Items**

Mobile Exhibit Demo Sessions - Join featured exhibits for a walk-around style presentation format inside the exhibit hall!

8:30 - 8:45	It's Possible! New Technology Can Provide Inline Solids Measurements that are Accurate and Reliable - Steve Herges, Valmet (@ Booth #608)
8:45 - 9:00	Double Disc Pumps for Sludge Handling - Preston Campbell, Penn-Valley Pump Company (@ Booth #401)
9:00 - 9:15	Chopper Pumps for Problem Lift Stations - Jeff Fairchild, Vaughan Company (@ Booth #419)
9:15 - 9:30	Your Filters are Failing - Hollie Scott, AWI (Booth #317)
9:30 - 9:45	The Ozzy Cup Screen: Advanced In-Channel Drum Screening - Jared Holindrake, Ovivo (@ Booth 319)
9:45 - 10:00	Evaluation Overview of Fulton County's New 38-MGD Membrane Bio Reactor (MBR) Facility - Damone Supica, Kubota (@ Booth #305)

	Session 15 (Meeting Room 104) Reuse	Session 16 (Meeting Room 106) H2Opportunity	Session 17 (Meeting Room 103) It's Possible to Improve Water Efficiency	Session 18 (Meeting Room 101) Collections I Monitoring	Session 19 (Meeting Room 205) Asset Management	Session 20 (Meeting Room 204) Regulatory	Session 21 (Meeting Room 202) Infrastructure Planning
	Moderator: Marilyn Hall	Moderator: Donnell Duncan	Moderator: Brian Skeens	Moderator: Alia Johnson	Moderator: Trey Wingate	Moderator: Ernie Earn	Moderator: Jared Eubanks
8:30 - 9:00	Unchartered Waters: Public Outreach and Permitting Components of Advanced Groundwater Recharge IPR in Florida <i>Jennifer Ribotti, Tetra Tech</i>	Atlanta Workforce Development Strategies <i>Kishia Powell, City of Atlanta</i>	Georgia Water Litigation Update <i>Katherine Zitsch, Atlanta Regional Commission</i>	DeKalb County Applies Auto Data Processing Tools to Improve Flow Monitoring Program's Data Quality and Analysis <i>Darren Eastall, DeKalb County and Xia Zhu, Jacobs</i>	Visualizing the Unseen <i>Georginna Lockett, City of Atlanta</i>	Water Supply Update <i>Wei Zeng, GA EPD</i>	Comprehensive Stormwater Assessment and CIP Development at Ft. Benning, GA <i>Ben Adams, Barge Design Solutions</i>
9:00 - 9:30	Potable Reuse Pilot Testing: Ozone-BAF Compared with RO <i>Shayne Wood, CDM Smith</i>	WEF Inflow: Introducing Future Leaders to Opportunities in Water <i>Ifetayo Venner, Arcadis/WEF Delegate</i>	Messaging the Value of Water <i>Laurie Loftin, Athens-Clarke County</i>	Innovative Data-Driven Sewer Monitoring <i>Jeff Jones, Clayton County Water Authority</i>	The AWIA: Assessing Risks and Resilience <i>Dan Shaw, Black & Veatch</i>	Water Quality Standards and Monitoring Update <i>Elizabeth Booth, GA EPD</i>	Stormwater as a Pooled Asset in a Symbiotic System <i>Lisa Beutler, Stantec President of AWRA</i>
9:30 - 10:00	Déjà vu: Case Studies in Wastewater Reuse <i>Lissa Gregg, Freese and Nichols</i>	Panel Discussion Strengthening the Water Workforce <i>Kishia Powell, COA; Ifetayo Venner, Arcadis; Bernard Franks, CCWA</i>	Advances in Agricultural Water Conservation <i>Mark Masters, Georgia Water Planning and Policy Center</i>	Next Century Technology Applied to Last Century's Collection Systems <i>Jennifer Steffens, EmNet</i>	Keeping a Healthy Asset Management (AM) Program? Make Good Use of Your Contractors <i>Lee Hunt, C2H Air & Electric</i>	Drinking Water Update <i>Lewis Hays, GA EPD</i>	From Triage to Proactivity: Right-Sizing Your Stormwater Infrastructure Improvement Planning <i>David King, Barge Design Solutions</i>

10:00 - 12:00 **Product Review & Break in Exhibit Hall**

	Safety Challenge (inside exhibit hall)	Meter Madness Exhibition (inside exhibit hall)	Women Making Waves: It's Possible... Practical Strategies for Managing Your Career Path (Meeting Room 106)
10:00 - 12:00	The safety challenge consists of various firefighting scenarios with varying degrees of difficulty. Participants will be timed, with the ultimate champion being determined by the fastest time.	The fast-paced Meter Madness contest pits competitors against the clock to assemble a water meter from a bucket of parts. Competitors practice year-round to compete at AWWA's Annual Conference and Exposition.	Join an interactive session with women from all parts of the water industry to discuss aspects of professionalism and persistence that make a good career more than possible! (Moderated by Terry Cole) Panelists: <i>Tracy Thigpen, Coweta County WSA; Tony Carnell, Henry County Water Authority; Belinda Folkes, City of Gainesville; Kieu-Anh Tran, Q Solutions; Melanie Head, Barge Design Solutions</i>

12:00 - 1:30 **Awards Luncheon - Upstairs Ballroom**
The GAWP annual business meeting and the passing of the gavel will occur during the awards luncheon. The GWEF and GAWWA awards will be presented during the luncheon. (Lunch included with conference registration. Exhibit Hall closed.)

	Session 22 (Meeting Room 106)	Session 23 (Meeting Room 104)	Session 24 (Meeting Room 101)	Session 25 (Meeting Room 103)	Session 26 (Meeting Room 204)	Session 27 (Meeting Room 205)	Session 28 (Meeting Room 202)
	Water Loss	Diversity We Can, We Must	Public Health and Water	Residuals	Certification Update	Young Professionals	Smart Stormwater & Analytics
	Moderator: Amber Whisner	Moderator: Cornell Sims	Moderator: Mike Thomas	Moderator: Ted Hull	Moderator: Ernie Earn	Moderator: Melanie Head	Moderator: Jared Eubanks
2:00 - 2:30	Demonstrating Progress Toward Improving Water Supply Efficiency <i>Johanna Smith, GA EPD</i>	Champion of Diversity: AECOM Technical Services <i>Tina Houston, AECOM</i>	Legionella: The Link to the Public Water Supply and How to Prevent it <i>Dr. Tobin-D'angelo, Georgia Dept of Public Health</i>	Landfill Regulatory Update <i>William Cook, GA EPD</i>	Development of ABC Certification Exams and Need to Know <i>Alan Cranford, Chair Elect, Association of Boards of Certification</i>	Millennial Growing Pains: How to Get the Most from the Young Professionals on Your Team <i>Bernadette Drouhard, Black & Veatch</i>	Streamlined Data Analysis and Visualization for Smart Stormwater Management <i>Kevin Middlebrooks, Hazen and Sawyer</i>
2:30 - 3:00	The Whys and Hows to a Water Loss Control Program <i>Amber Whisner, City of Dallas</i>	The Water Cycle <i>Bernard Franks, Clayton County Water Authority</i>	Health Concerns Related to Private Premise Plumbing <i>Abbie Batog, NSF International</i>	<u>Panel Discussion</u> It's Possible... Your Disposal Cost is Getting High? <i>Tom Wiedemier, Augusta-Richmond Co</i>	Professional Operator (PO) Certification <i>Alan Cranford, Chair Elect, Association of Boards of Certification</i>	How to Grow YPs from Beginners to Advanced Employees <i>Kelsey Waidhas, Atlanta Regional Commission</i>	Impact of Septic Systems on Surface Water Quality in Metro Atlanta <i>Katherine Atteberry, Metro North GA Water Planning District & Antonio Sanchez, Geosyntec Consultants</i>
3:00 - 3:30	It's Possible...to Reduce Water Loss! <i>Brad Gresham, Wachs Water Service</i>	<u>Panel Discussion</u> United in Water: Making Possibilities into a Reality <i>Moderated by Heri Mumma, Hazen and Sawyer</i> <i>Tina Houston, AECOM; Bernard Franks, Clayton County Water Authority; Milbree Lankford, Douglasville-Douglas County WSA</i>	AWWA's Private Premise Plumbing Policy <i>Randy Moore, Tnemec Company AWWA Vice President</i>	<i>Danny Ingram, City of Gainesville</i> <i>John Peebles, Columbus Water Works</i> <i>Bob Herbick, Cobb Co Water System</i> <i>Ray Williams, Gwinnett County</i>	Certification Board Update <i>Margaret Doss, Board Chairperson</i>	Figuring it Out: A YP Panel Discussion <i>Will Hackett, Freese & Nicols</i> <i>Kelsey Waidhas, Atlanta Regional Commission</i> <i>Bernadette Drouhard, Black & Veatch</i>	<u>Panel Discussion</u> Effective Smart Stormwater and Analytics: It's Possible and How To Do It <i>Kevin Middlebrooks, Hazen and Sawyer; Katherine Atteberry, Metro North GA Water Planning District; Antonio Sanchez, Geosyntec Consultants</i>
3:30 - 4:30	Exhibit Hall Grand Finale with Ice Cream Social and Race Car Derby Competition (inside exhibit hall)						
4:30 - 6:00	GAWWA Annual Business Meeting - Open to all AWWA Members (Meeting Room 106)						

Wednesday, July 17 (2 recertification points available)

8:00	Registration Opens with Hot Breakfast Items (Exhibit Hall closed)						
	Session 29 (Meeting Room 106)	Session 30 (Meeting Room 101)	Session 31 (Meeting Room 204)	Session 32 (Meeting Room 104)			
	Water III Risk and Resiliency	Wastewater III - Advanced Treatment	Collections II - Inspections	Distribution II			
	Moderator: Dan Carter	Moderator: Giny Jacob	Moderator: John Evans	Moderator:			
8:30 - 9:00	It's Possible to Comply with America's Water Infrastructure Act of 2018 <i>Aaron Capelouto, ARCADIS</i>	Evaluation of the Necessity for Screening Upgrades in Advanced Treatment <i>David Lavergne & Bill Bratt, Tetra Tech</i>	Tools and Techniques for Cleaning Large Diameter Pipe <i>Mike Ping, Hydro Structures</i>	Magnetic Flow Meter Fouling Leads to Water Loss at Major Municipality <i>John Van Nostrand, Flexim Americas Corporation</i>			
9:00 - 9:30	Super Bowl LIII: Ensuring Water Resilience Through Emergency Response Planning <i>Rhonda Crenshaw, Quinton Fletcher & Calvin Burgess, City of Atlanta and Hattye McCorroll, ARCADIS</i>	Use of Cloth Media Filters for Primary and Wet Weather Applications: A New Wave of Resiliency at WRRFs <i>Murali Erat, Freese and Nichols</i>	Creek Crossing Inspections for the Prioritization of Sanitary Sewer Asset Repairs, Rehabilitation, and Maintenance of Assets Using a Standardized Scoring System <i>Shawna Prescott, DeKalb County & Amanda Lester, R2T</i>	Monitoring Effectiveness of Corrosion Control Programs in the Distribution System <i>Leigh Jester, HDR</i>			

9:30 - 10:00	<p>A Negative Modification in a Positive Direction: Impacts of Pre-Ozonation on Coagulation</p> <p><i>Rebecca Lindsay, Gresham Smith</i></p>	<p>Athens-Clarke County Septage Program</p> <p><i>Dave Bloyer and Cheryl Shaw, Athens Clarke County Public Utilities</i></p>	<p>Force Main Criticality Assessment and Prioritization: Prerequisite to Performing Condition Assessment</p> <p><i>Bill Sukenik and Kent Veech, Woolpert</i></p>	<p>Protecting Liquid Assets: Don't Let Obstacles Tank Your Storage System Rehab</p> <p><i>Matthew Cartwright, Freese and Nichols</i></p>
10:00 - 10:30	<p>The Water Selector: A New and Innovative Way to Select the Very Best Water at the Plant Intake - Born Right Here in Georgia</p> <p><i>Chris Keever, Risen Water</i></p>	<p>Moving into the 21st Century: Upgrading the City of Atlanta's UV Systems</p> <p><i>Dave Williams, Templeton & Associates and Nolton Johnson, City of Atlanta</i></p>	<p>How ECUA is Using Data to Prioritize, Assess, and Mitigate Risk to Manage Their Entire Force Main Network</p> <p><i>Jimmy Stewart, Pure Technologies</i></p>	<p>To Flush or Not to Flush: WRF Research on the Use and Benefits of Flushing for Multiple Water Quality Objectives</p> <p><i>Alice Fulmer Water Research Foundation</i></p>

Thanks for joining us! Mark your calendars for next year in Savannah - July 12-15, 2020