

IWA World Water Congress & Exhibition 2024

Shaping Our Water Future



Advance Technical Programme

TORONTO
CANADA

11-15 AUGUST
2024



Organised by



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IWA World Water Congress & Exhibition 2024

Toronto, Canada | Technical Programme Timetable

Key
 TS = Technical Session
 WS = Workshop

SUNDAY 11 AUGUST (PM)																								
OPENING CEREMONY																								
EXHIBITION OPENING																								
WELCOME RECEPTION																								
	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6	ROOM 7	ROOM 8	ROOM 9	ROOM 10	ROOM 11	ROOM 12	ROOM 13	ROOM 14	ROOM 15	ROOM 16	ROOM 17	ROOM 18	ROOM 19	ROOM 20				
<div style="display: flex; justify-content: space-between; font-size: small;"> <div style="background-color: #d9ead3; padding: 5px;">Theme 1 Water Utility Management</div> <div style="background-color: #f4cccc; padding: 5px;">Theme 2 Wastewater Treatment and Resource Recovery</div> <div style="background-color: #fff2cc; padding: 5px;">Theme 3 Drinking Water and Potable Reuse</div> <div style="background-color: #d9d2e9; padding: 5px;">Theme 4 City Scale Planning and Operations</div> <div style="background-color: #fce4d6; padding: 5px;">Theme 5 Communities, Communication and Partnerships</div> <div style="background-color: #cce5ff; padding: 5px;">Theme 6 Water Resources and Large Scale Water Management</div> </div>																								
MONDAY 12 AUGUST																								
09:00-09:45 KEYNOTE PLENARY																								
09:45-10:30 COFFEE BREAK																								
					TS 1.17	TS 1.9	WS 1.13	TS 2.5	TS 2.1	TS 6.3	TS 3.2	TS 3.1	TS 2.34	TS 5.2	TS 4.7	WS 6.2	WS 5.1	TS 2.33	TS 1.13	TS 2.8				
					LUNCH																			
					TS 1.6	WS 1.6	TS 4.1	TS 2.6	TS 2.2	TS 6.1	TS 3.16	TS 5.3	TS 2.35	TS 2.36	WS 4.6	WS 3.1	WS 5.2	WS 2.3	TS 1.15	TS 2.9				
					COFFEE BREAK																			
					WS 1.8	WS 1.9	TS 4.6	TS 2.7	TS 2.3	TS 6.4	WS 1.19	TS 6.2	TS 5.4	TS 2.37	WS 4.7	WS 3.2	WS 5.4	WS 1.12	WS 1.27	TS 2.26				
					KEYNOTE PLENARY																			
TUESDAY 13 AUGUST																								
09:00-09:45 KEYNOTE PLENARY																								
09:45-10:30 COFFEE BREAK																								
					TS 2.21	TS 1.16	TS 1.2	TS 1.8	TS 2.31	TS 3.3	TS 3.14	TS 2.11	TS 2.38	TS 4.3	WS 4.1	WS 5.6	WS 6.3	TS 1.14	WS 6.6	TS 2.4				
					LUNCH																			
					TS 2.22	WS 1.21	TS 1.1	TS 1.20	TS 3.4	TS 3.7	TS 2.12	TS 2.14	TS 5.5	TS 4.8	WS 4.4	WS 3.3	WS 5.3	TS 1.18	WS 6.4	TS 2.27				
					COFFEE BREAK																			
					TS 2.23	WS 2.1	WS 1.1	WS 1.20	WS 1.11	TS 3.15	TS 6.10	TS 2.13	TS 5.7	TS 4.4	WS 4.5	WS 3.4	WS 5.9	WS 1.10	WS 6.1	TS 2.32				
					KEYNOTE PLENARY																			
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WEDNESDAY 14 AUGUST																								
09:00-09:45 KEYNOTE PLENARY																								
09:45-10:30 COFFEE BREAK																								
					WS 1.28	TS 1.19	WS 1.3	TS 1.10	WS 1.18	TS 3.5	TS 3.12	TS 5.6	WS 5.8	TS 2.10	TS 4.2	WS 2.6	WS 3.5	TS 6.8	TS 2.29	WS 1.23	WS 1.24			
					LUNCH																			
					WS 1.2	TS 1.3	TS 1.7	WS 1.14	TS 3.6	TS 3.13	TS 5.1	WS 5.11	TS 2.18	WS 4.2	WS 2.7	WS 3.6	WS 5.5	TS 2.30	WS 6.5	WS 1.25				
					COFFEE BREAK																			
					WS 1.7	TS 1.4	WS 1.4	WS 1.15	TS 3.10	WS 1.22	TS 6.5	WS 5.10	TS 2.39	TS 4.5	WS 4.3	WS 3.7	WS 5.7	WS 2.2	WS 6.7	WS 1.26				
					KEYNOTE PLENARY																			
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THURSDAY 15 AUGUST																								
09:00-09:45 KEYNOTE PLENARY																								
09:45-10:30 COFFEE BREAK																								
					WS 4.9			TS 1.5	TS 1.11	WS 1.17	TS 3.9	WS 2.5	TS 2.19	TS 2.24	TS 2.16	TS 6.6	WS 5.12	WS 6.8	TS 2.15	WS 1.5	TS 2.28			
					LUNCH																			
					WS 1.29		WS 2.8		WS 1.16	TS 1.12	TS 3.8	TS 3.11	WS 2.4	TS 2.20	TS 2.25	TS 2.17	TS 6.9	TS 6.11	TS 6.7	TS 3.17	WS 4.8			
					CLOSING CEREMONY																			
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THEME 1: WATER UTILITY MANAGEMENT

Technical Sessions				
1.1	How to Go Digital as A Water Utility	Tuesday 13 August	13:30-15:00	Room 7
1.2	Real World Digital Twin Applications	Tuesday 13 August	10:30-12:00	Room 7
1.3	Digital Leak Detection	Wednesday 14 August	13:30-15:00	Room 6
1.4	Digital Maintenance Approaches	Wednesday 14 August	15:30-17:00	Room 7
1.5	GIS Application in Digital Transformation	Thursday 15 August	10:30-12:00	Room 5
1.6	Global Perspectives on Water Utility Service Delivery	Monday 12 August	13:30-15:00	Room 5
1.7	Lessons from Utility Operations	Wednesday 14 August	13:30-15:00	Room 7
1.8	Innovations in Pollutant Management	Tuesday 13 August	10:30-12:00	Room 8
1.9	Leveraging Public Private Partnerships to Improve Utility Efficiency	Monday 12 August	10:30-12:00	Room 6
1.10	Large Scale Water Reuse and Recycling	Wednesday 14 August	10:30-12:00	Room 7
1.11	Nitrous Oxide Emissions in Full-Scale Operations	Thursday 15 August	10:30-12:00	Room 6
1.12	Nitrous Oxide Modelling and Control	Thursday 15 August	13:30-15:00	Room 6
1.13	New Perspectives on Net Zero Utilities	Monday 12 August	10:30-12:00	Room 19
1.14	Becoming A Net Zero Utility	Tuesday 13 August	10:30-12:00	Room 18
1.15	Circular Economy Initiatives at Utility Level	Monday 12 August	13:30-15:00	Room 19
1.16	Utility Responses and Adaptation to Climate Change Impacts	Tuesday 13 August	10:30-12:00	Room 6
1.17	Utility Wide Transformations	Monday 12 August	10:30-12:00	Room 5
1.18	Sustainable Approaches to Asset Management	Tuesday 13 August	13:30-15:00	Room 18
1.19	Experience of Pipeline Asset Management	Wednesday 14 August	10:30-12:00	Room 5
1.20	Sewer Overflow Management	Tuesday 13 August	13:30-15:00	Room 8

Workshops				
1.1	Meta-data Collection and Organization: What, When, and Why?	Tuesday 13 August	15:30-17:00	Room 7
1.2	Be the Lead Investigator! Responding to the Iqaluit Water Crisis	Wednesday 14 August	13:30-15:00	Room 5
1.3	From Data to Decision Making, and Back – Digital Transformation and AI for the Resilient Water Sector	Wednesday 14 August	10:30-12:00	Room 6
1.4	Unlock the Worldwide Potential of Water Reuse Innovations	Wednesday 14 August	15:30-17:00	Room 7
1.5	Incorporating Hydrogen into Business as Usual, A Global View	Thursday 15 August	10:30-12:00	Room 17
1.6	Key Success of any Asset Management Journey Across the Globe - Triple Bottom Line - Digitization, Decarbonization and Diversity	Monday 12 August	13:30-15:00	Room 6
1.7	Boost Adoption of Innovation in The Water Sector	Wednesday 14 August	15:30-17:00	Room 5
1.8	Vancouver's OneWater 2050	Monday 12 August	15:30-17:00	Room 5
1.9	Responsible Industrial Water Management in A Changing Climate - Breakthroughs and Innovations	Monday 12 August	15:30-17:00	Room 6
1.10	Developing the Markets for A Circular Economy: A Box Sprint	Tuesday 13 August	15:30-17:00	Room 18
1.11	Breaking Barriers to Advance Decentralized Water Recycling in the Urban Environment	Tuesday 13 August	15:30-17:00	Room 9
1.12	Translating What We Know About PFAS Into Action: What Water Practitioners Want to Know	Monday 12 August	15:30-17:00	Room 18
1.13	Evaluating Communities for Water Infrastructure Projects Through Sustainable Livelihoods Approach Methodology	Monday 12 August	10:30-12:00	Room 7
1.14	Closing the Gap Between Climate Adaptation and Climate Mitigation	Wednesday 14 August	13:30-15:00	Room 8
1.15	Towards Unified Global Assessment of Disease: Standards for Wastewater Surveillance	Wednesday 14 August	15:30-17:00	Room 8
1.16	From Drain to Data: Navigating the Waters of AI in Wastewater Engineering	Thursday 15 August	13:30-15:00	Room 5
1.17	Water Tariffs in A Challenging World	Thursday 15 August	10:30-12:00	Room 7
1.18	Sustainable Approaches to Asset Management	Wednesday 14 August	10:30-12:00	Room 8
1.19	Reuse and Recycle Waterworks Sludge	Monday 12 August	15:30-17:00	Room 11
1.20	Toronto Sponge City Workshop	Tuesday 13 August	15:30-17:00	Room 8
1.21	Towards Increased Resilience and Better Governance for Urban Water	Tuesday 13 August	13:30-15:00	Room 6
1.22	Advancements in Great Lakes Science from Canada's Largest Water Research Program	Wednesday 14 August	15:30-17:00	Room 10
1.23	Global Megatrends and the Workforce of Tomorrow	Wednesday 14 August	10:30-12:00	Room 19
1.24	Net-zero Emissions in the Water Industry - Collaborating for Climate Action	Wednesday 14 August	10:30-12:00	Room 20
1.25	We Know Enough - Mitigating Nitrous Oxide Emissions at WRRFs Today	Wednesday 14 August	13:30-15:00	Room 20
1.26	Targeting Methane GHG Emissions from Wastewater	Wednesday 14 August	15:30-17:00	Room 20
1.27	Construction to Production in The Water Industry	Monday 12 August	15:30-17:00	Room 19
1.28	Digitalisation Of The Water Sector: Challenges And Opportunities	Wednesday 14 August	10:30-12:00	Room 4
1.29	Advancements In Non-sewered Sanitation	Thursday 15 August	13:30-15:00	Room 1

THEME 2: WASTEWATER TREATMENT AND RESOURCE RECOVERY

Technical Sessions				
2.1	Anammox / Denitrification	Monday 12 August	10:30-12:00	Room 9
2.2	Phosphorus Removal	Monday 12 August	13:30-15:00	Room 9
2.3	Partial Nitrification	Monday 12 August	15:30-17:00	Room 9
2.4	Mitigation	Tuesday 13 August	10:30-12:00	Room 20
2.5	Anaerobic Process Augmentation	Monday 12 August	10:30-12:00	Room 8
2.6	Pretreatment of Anaerobic Processes	Monday 12 August	13:30-15:00	Room 8
2.7	Microbiology in Anaerobic Processes	Monday 12 August	15:30-17:00	Room 8
2.8	Activated Sludge Processes - Session 1	Monday 12 August	10:30-12:00	Room 20
2.9	Activated Sludge Processes - Session 2	Monday 12 August	13:30-15:00	Room 20
2.10	Biofilm and Granular Sludge Processes	Wednesday 14 August	10:30-12:00	Room 13
2.11	Membrane Reactors	Tuesday 13 August	10:30-12:00	Room 12
2.12	Microbial Ecology	Tuesday 13 August	13:30-15:00	Room 11
2.13	Water Reclamation for Non-Potable Reuse (Technology)	Tuesday 13 August	15:30-17:00	Room 12
2.14	Water Reclamation for Non-potable Reuse (Planning)	Tuesday 13 August	13:30-15:00	Room 12
2.15	Energy Efficiency and Recovery	Thursday 15 August	10:30-12:00	Room 16
2.16	Recovery of Nutrients and Chemicals - Session 1	Thursday 15 August	10:30-12:00	Room 12
2.17	Recovery of Nutrients and Chemicals - Session 2	Thursday 15 August	13:30-15:00	Room 12
2.18	Microbial Electrochemistry & Microalgae	Wednesday 14 August	13:30-15:00	Room 13
2.19	Membrane Applications in Wastewater Management - Session 1	Thursday 15 August	10:30-12:00	Room 10
2.20	Membrane Applications in Wastewater Management - Session 2	Thursday 15 August	13:30-15:00	Room 10
2.21	Advanced Oxidation Processes - Session 1	Tuesday 13 August	10:30-12:00	Room 5
2.22	Advanced Oxidation Processes - Session 2	Tuesday 13 August	13:30-15:00	Room 5
2.23	Advanced Oxidation Processes - Session 3	Tuesday 13 August	15:30-17:00	Room 5
2.24	Nanomaterials and Nanotechnology	Thursday 15 August	10:30-12:00	Room 11
2.25	Other Physico-Chemical Treatment Techniques	Thursday 15 August	13:30-15:00	Room 11
2.26	Treatment and Recovery of Industrial Wastewater	Monday 12 August	15:30-17:00	Room 20
2.27	Food Waste Biosolids Management & Reuse - Session 1	Tuesday 13 August	13:30-15:00	Room 20
2.28	Food Waste Biosolids Management & Reuse - Session 2	Thursday 15 August	10:30-12:00	Room 18
2.29	Microplastics in Wastewater Treatment	Wednesday 14 August	10:30-12:00	Room 18
2.30	Micropollutants in Wastewater Treatment	Wednesday 14 August	13:30-15:00	Room 18
2.31	Contaminants of Emerging Concern in Wastewater	Tuesday 13 August	10:30-12:00	Room 9
2.32	Pharmaceuticals in Wastewater	Tuesday 13 August	15:30-17:00	Room 20
2.33	PFAS In Wastewater	Monday 12 August	10:30-12:00	Room 18
2.34	Wastewater-based Epidemiology	Monday 12 August	10:30-12:00	Room 13
2.35	Contaminants of Emerging Concern in Sewers	Monday 12 August	13:30-15:00	Room 13
2.36	Digital Water & Modelling - Session 1	Monday 12 August	13:30-15:00	Room 14
2.37	Digital Water & Modelling - Session 2	Monday 12 August	15:30-17:00	Room 14
2.38	Decentralised Treatment and Non-sewered Sanitation	Tuesday 13 August	10:30-12:00	Room 13
2.39	Large WWTP Operation	Wednesday 14 August	15:30-17:00	Room 13

Workshops				
2.1	Contaminants of Emerging Concern in A Changing Climate: Innovative Strategies for Sustainable Management	Tuesday 13 August	15:30-17:00	Room 6
2.2	Microplastics in Wastewater and Biosolids	Wednesday 14 August	15:30-17:00	Room 18
2.3	Navigating the Ever-Changing PFAS Landscape: Latest Developments and Best Practices	Monday 12 August	13:30-15:00	Room 18
2.4	Membrane Aerated Biofilm Reactor – From Theory to Modelling to Practice & Emerging Applications	Thursday 15 August	13:30-15:00	Room 9
2.5	Digital Water India: Navigating Challenges and Charting Success Stories	Thursday 15 August	10:30-12:00	Room 9
2.6	Beyond Automation – How Digital Tools Can Enable Breakthrough Innovation	Wednesday 14 August	10:30-12:00	Room 15
2.7	Blueprint for A Circular Water Smart Society	Wednesday 14 August	13:30-15:00	Room 15
2.8	New paradigm of wastewater treatment in fast-urbanizing regions	Thursday 15 August	13:30-15:00	Room 3

THEME 3: DRINKING WATER AND POTABLE REUSE

Technical Sessions				
3.1	Unit Operations (Coagulation, (Bio) Filtration, Membrane Processes, Ozonation...)	Monday 12 August	10:30-12:00	Room 12
3.2	Groundwater Based Drinking Water Treatment	Monday 12 August	10:30-12:00	Room 11
3.3	Potable Reuse Technologies	Tuesday 13 August	10:30-12:00	Room 10
3.4	Occurrence and Removal of Emerging Contaminants - Session 1	Tuesday 13 August	13:30-15:00	Room 9
3.5	Occurrence and Removal of Emerging Contaminants - Session 2	Wednesday 14 August	10:30-12:00	Room 9
3.6	Occurrence and Removal of Emerging Contaminants - Session 3	Wednesday 14 August	13:30-15:00	Room 9
3.7	In-premises Water Quality (House/Building Plumbing, Microbial Water Quality, etc.)	Tuesday 13 August	13:30-15:00	Room 10
3.8	Non-Revenue Water & Leakage Management	Thursday 15 August	13:30-15:00	Room 7
3.9	Biofilms and Pathogen Management in Water Distribution	Thursday 15 August	10:30-12:00	Room 8
3.10	Intermittent Supply System Challenges and Optimisation	Wednesday 14 August	15:30-17:00	Room 9
3.11	Pathogen Detection Methods	Thursday 15 August	13:30-15:00	Room 8
3.12	Disinfection Methods	Wednesday 14 August	10:30-12:00	Room 10
3.13	Disinfection By-products	Wednesday 14 August	13:30-15:00	Room 10
3.14	Emerging Contaminants/Pathogens and Antibiotic Resistant Bacteria/Resistance Genes	Tuesday 13 August	10:30-12:00	Room 11
3.15	Water Quality Standards, Regulations and Economics	Tuesday 13 August	15:30-17:00	Room 10
3.16	Water and Energy Economics in Local & Global Contexts	Monday 12 August	13:30-15:00	Room 11
3.17	In-premises Water Quality (House/Building Plumbing, Metal and Plastic Leaching etc.)	Thursday 15 August	13:30-15:00	Room 16

Workshops				
3.1	Gravity Driven Membrane Filtration (GDMF) – Application to small, remote and/or marginalized communities	Monday 12 August	13:30-15:00	Room 16
3.2	Use of Genetic Methods for Microbial Water Quality Testing: A Global, Water Industry-Wide Survey	Monday 12 August	15:30-17:00	Room 16
3.3	UV Light: Protecting Public Health Around the World	Tuesday 13 August	13:30-15:00	Room 16
3.4	Positioning Water Scarcity at Centre of Climate Change	Tuesday 13 August	15:30-17:00	Room 16
3.5	Particle-Associated Viruses as Emerging Pathogens in Water and Wastewater	Wednesday 14 August	10:30-12:00	Room 16
3.6	Improving Equity in Intermittent Water Supply Networks: A Collaborative Game	Wednesday 14 August	13:30-15:00	Room 16
3.7	Brine Reduction and Resource Recovery	Wednesday 14 August	15:30-17:00	Room 16

THEME 4: CITY SCALE PLANNING AND OPERATIONS

Technical Sessions				
4.1	Decision Support Tools in Urban Water Management	Monday 12 August	13:30-15:00	Room 7
4.2	Impacts and Mitigation of Climate Change	Wednesday 14 August	10:30-12:00	Room 14
4.3	Response to Flood and Sea Level Rise	Tuesday 13 August	10:30-12:00	Room 14
4.4	Advances in Rainfall and Stormwater Management	Tuesday 13 August	15:30-17:00	Room 14
4.5	Challenges in Sewerage and Sewer Management	Wednesday 14 August	15:30-17:00	Room 14
4.6	Decision Support Tools in Wastewater Management	Monday 12 August	15:30-17:00	Room 7
4.7	Nature Based Solutions	Monday 12 August	10:30-12:00	Room 15
4.8	Water Sensitive Urban Design	Tuesday 13 August	13:30-15:00	Room 14

Workshops				
4.1	Inclusive Research – The Role of Science to Accelerate Water Action in the Global South	Tuesday 13 August	10:30-12:00	Room 15
4.2	Sustainability for Urban Water Management	Wednesday 14 August	13:30-15:00	Room 14
4.3	Demonstrating Global Practices for Smart Resilient Cities	Wednesday 14 August	15:30-17:00	Room 15
4.4	Water Security for Future Generations	Tuesday 13 August	13:30-15:00	Room 15
4.5	Holistic and Interoperable Digital Twins for Water Fit-for-purpose Applications	Tuesday 13 August	15:30-17:00	Room 15
4.6	STEP's Green Infrastructure & LID Online Tools for Stormwater Management	Monday 12 August	13:30-15:00	Room 15
4.7	Practical Application of Nature-based Solutions for Water Utilities	Monday 12 August	15:30-17:00	Room 15
4.8	Achieving UN Water Ministers Conference Goals	Thursday 15 August	13:30-15:00	Room 17
4.9	Transforming Southern California: The One Water Metamorphosis	Wednesday 14 August	10:30-12:00	Room 2

THEME 5: COMMUNITIES, COMMUNICATION AND PARTNERSHIPS

Technical Sessions				
5.1	Collaboration, Capacity Building and Communication	Wednesday 14 August	13:30-15:00	Room 11
5.2	Digital Transformation	Monday 12 August	10:30-12:00	Room 14
5.3	Policy and Regulation	Monday 12 August	13:30-15:00	Room 12
5.4	Cross-Sectorial Governance	Monday 12 August	15:30-17:00	Room 13
5.5	WASH and Community-Scale Water Management	Tuesday 13 August	13:30-15:00	Room 13
5.6	Collaboration, Capacity Building and Communication	Wednesday 14 August	10:30-12:00	Room 11
5.7	WASH and Community-Scale Water Management	Tuesday 13 August	15:30-17:00	Room 13

Workshops				
5.1	Gender Lens in The Water and Sanitation Leadership Landscape	Monday 12 August	10:30-12:00	Room 17
5.2	Menstrual Friendly Public Toilets Around the Globe: Conducting Urban Audits Monday	Monday 12 August	13:30-15:00	Room 17
5.3	Water is a Human Right: Labour Movements Role in Addressing the Indigenous Water Crisis	Tuesday 13 August	13:30-15:00	Room 17
5.4	Scaling-up and Making Waves: Unpacking Finance Accessibility for WASH Startups	Monday 12 August	15:30-17:00	Room 17
5.5	Climate Change Impacts on Water Sources and Water Infrastructure in Arctic	Wednesday 14 August	13:30-15:00	Room 17
5.6	Bridging the Gap: Does Water Security Need Behavioural Science?	Tuesday 13 August	10:30-12:00	Room 16
5.7	Solving California's Water Crisis: Bold Solutions Transforming Water Management	Wednesday 14 August	15:30-17:00	Room 17
5.8	Redesigning Mentorship for Cross-generational (#crossgen) Collaborations	Wednesday 14 August	10:30-12:00	Room 12
5.9	Sustainable Wastewater Surveillance in High and Low Resource Settings for Resource Recovery and Public Health Support	Tuesday 13 August	15:30-17:00	Room 17
5.10	Navigating the Future Landscape of Graduate Training in WASH	Wednesday 14 August	15:30-17:00	Room 12
5.11	The Workforce of Tomorrow – Sustainability in Attracting and Retaining Talent	Wednesday 14 August	13:30-15:00	Room 12
5.12	Accountability Framework and Water Action (IWA Grundfos Fellows)	Thursday 15 August	10:30-12:00	Room 14

THEME 6: WATER RESOURCES AND LARGE SCALE WATER MANAGEMENT

Technical Sessions				
6.1	Advanced Techniques for Ground Water Management	Monday 12 August	13:30-15:00	Room 10
6.2	Decades of Evolving Water Governance; What Have We Learnt	Monday 12 August	15:30-17:00	Room 12
6.3	Surface Water Monitoring Systems and Models	Monday 12 August	10:30-12:00	Room 10
6.4	Protection of Surface Water Quality and Quantity	Monday 12 August	15:30-17:00	Room 10
6.5	Source-To-Sea Pollution Management & Pollution from Point Sources	Wednesday 14 August	15:30-17:00	Room 11
6.6	Integrated Water Resources Management and Climate Change	Thursday 15 August	10:30-12:00	Room 13
6.7	Integrated Water Resources Management and Climate Resilience	Thursday 15 August	13:30-15:00	Room 15
6.8	Water Resources Management Towards Sustainable Development Goals (SDG): Water Saving, Reuse and Alternative Sources	Wednesday 14 August	10:30-12:00	Room 17
6.9	Water Resources Management Towards Sustainable Development Goals (SDG): Energy and Resources Management	Thursday 15 August	13:30-15:00	Room 13
6.10	Circular Economy Initiatives and Approaches	Tuesday 13 August	15:30-17:00	Room 11
6.11	Challenges and Progress Towards Achieving the Sustainable Development Goals (SDG)	Thursday 15 August	13:30-15:00	Room 14

Workshops				
6.1	Sustainable Use of Groundwater Resources	Tuesday 13 August	15:30-17:00	Room 19
6.2	It Ain't Easy Being Green – How Municipalities Across Canada Are Implementing Green Stormwater Infrastructure	Monday 12 August	10:30-12:00	Room 16
6.3	What the Water Industry Can Learn from the Indigenous Perspective	Tuesday 13 August	10:30-12:00	Room 17
6.4	How Can Laurentian Great Lakes Youth-Inclusive Watershed Governance Improve Collaboration?	Tuesday 13 August	13:30-15:00	Room 19
6.5	The Secret Lives of Water Professionals: Exploring Water Careers in Academia, Consulting, Government and Utilities	Wednesday 14 August	13:30-15:00	Room 19
6.6	Establishing Successful Markets to Close the Circular Economy Loop for Products from Water Resource Recovery Facilities	Tuesday 13 August	10:30-12:00	Room 19
6.7	Sustainable Water Resource Management and Large-Scale Development in Ethiopia	Wednesday 14 August	15:30-17:00	Room 19
6.8	Basin-connected Cities: Enabling Urban and Rural Stakeholders to Take Action in Basin Management	Thursday 15 August	10:30-12:00	Room 15