

Tuesday 22nd October 2024

THEMATIC AREAS

THEME 1
Water Security in an
Uncertain Climate (WS)

THEME 2
Water Quality –
Human Health
& The Environment (WQ)

THEME 3
Efficient & Effective Wastewater
Management (EEW)

THEME 4
Regional Solid Waste Management –
Reducing Our Waste Footprint (RSW)

THEME 5
Regional Sector Governance
& Financing (RSG)

THEME 6
General Topics (GT)



**COLLECTIVE
REGIONAL ACTION**
Toward a Climate Resilient,
Water Secure and
Zero Waste Caribbean

TIME	JADE ROOM	RUBY ROOM	SAPPHIRE ROOM
8:30AM - 10:00AM	Conference Plenary: A Right, A Necessity, or an Economic Resource? Re-evaluating our relationship with Water		
10:00AM – 10:30AM	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK
10:30AM – 11:00AM	THEME 1 – WS004 Presenter: Sean Duncan Topic: Advancing a Smart Network through the use of a Geographic Information System and Supervisory Control and Data Acquisition System	THEME 3 – EEW003 Presenter: Amanda Ramgobind Topic: Re-engineering of the Cheddi Jagan International Airport Water and Wastewater Systems	THEME 5 – RSG002 Presenter: Timmy Daley Topic: Operational Efficiency for Utilities, the five-point strategy
11:30AM - 12:00PM	THEME 1 – WS006 Presenter: Karissa Koping Topic: National Strategic Tank-Water Reserve (NSTR) Initiative	THEME 3 – EEW005 Presenter: Goldie Davis Topic: Improving the Water Supply Within Residential Communities in Trinidad and Tobago: A Proposal	THEME 6 – GT009 Presenter: Keevan Leelum Topic: Two-Dimensional Hydraulic Modelling for Floodplain Mapping of the Caroni River Basin, Trinidad
12:00PM – 1:30PM	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
1:30PM – 2:00PM	THEME 1 – WS007 Presenter: Elio Arniella Topic: Smart Water Audit Tracks NRW in Trinidad & Tobago	THEME 3 – EEW002 Presenter: Brendyn Rojas Topic: High Head Centrifugal Grinder Pumps in Low Pressure Sewer Applications	SIDE EVENT Presenter: Global Water Partnership Caribbean (GWP-C) Topic: Transboundary Water
2:00PM – 2:30PM	THEME 1 – WS028 Presenter: Rensford Joseph Topic: Sustainable use of Water-Related Ecosystems – The Dakoura Creek Watershed; An Untapped Jewel to Preserve	THEME 3 – EEW007 Presenter: Reza Shams Topic: Innovative Biological MBBR Wastewater Treatment, Technology, Benefits and Case Study	THEME 6 – GT001 Presenter: Roger Karim Topic: Prevalence of and Risk Factors for Occupation Slip/Trip/Fall Incidents among workers at a Water Utility in the Caribbean
2:30PM – 3:00PM	THEME 1 – WS009 Presenter: Allen Gilbert Topic: Building Resilience in Water Supply – A Case Study of Community-Based Rainwater Harvesting in Grenada	SIDE EVENT Panel Discussion hosted by the Wastewater Specialist Group (WWSG) Topic: Contextualising Wastewater Reuse in the Caribbean – Legislation, Regulatory Environment and Culture	THEME 1 – WS024 Presenter: Jeshua Gilharry Topic: NRW Reduction – Limiting the Losses and Advancing a Smart Network
3:00PM – 3:15PM	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK
3:15PM – 3:45PM	THEME 1 – WS012 Presenter: Sade Powell Topic: Water Resources in the Agricultural Sector	THEME 3 – EEW004 Presenter: Brian Arntsen Topic: Wastewater Reuse, a Sustainable Way to Mitigate Water Scarcity	SIDE EVENT Presenter: Health & Safety + Disaster Management (HSDM) Specialist Group
3:45PM – 4:15PM	THEME 1 – WS013 Presenter: Alex Harewood Topic: Water Sector Resilience Nexus for Sustainability in Barbados Project – Boosting Climate Resilience through Water Supply Interventions	THEME 3 – EEW006 Presenter: Miguel Andrews Topic: Circular Technologies for Wastewater Reuse in Small Island Developing States	

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8:30AM – 9:00AM	THEME 1 – WS018 Presenter: Anna Bojko Topic: Case Study – Reduction of Physical Water Losses in Cali, Colombia 2019-2022	SIDE EVENT Presenter: World Bank Topic: Utilities of the Future – NewIBNET Benchmarking System	THEME 6 – GT007 Presenter: Amanda Ramgobind Topic: The Impact of Road Construction on Water Mains
9:00AM - 9:30AM	THEME 1 – WS020 Presenter: Kent Thomas Topic: Caribbean Watershed Nexus and Island Sheds – Digital Solutions for Future Water Security Planning and Action	THEME 4 – RSW002 Presenter: Haig Rickerby Topic: Energy-Efficient Batch Reverse Osmosis for Wastewater Treatment and High-Water Recovery	THEME 1 – WS005 Presenter: Ramchand Jailal Topic: Assessment of Water Sustainability in Guyana's Hinterland
9:30AM – 10:00AM	THEME 1 – WS008 Presenter: Natalie Uribe Topic: Re-thinking Sustainable Water Use-Related Ecological Flows	THEME 3 – EEW009 Presenter: James May Topic: The Growing Use of Composite Materials in Water and Wastewater Systems	THEME 6 – GT012 Presenter: Lemmy Joseph Topic: Safeguarding Our Water – Strengthening Cybersecurity in Trinidad and Tobago's Water Sector
10:00AM – 10:30AM	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK
10:30AM – 11:00AM	THEME 1 – WS027 Presenter: Atiba De-Four Howard Topic: Enhancing Water Security in Trinidad and Tobago – A Modular Data Processor for the Water Resources Agency	THEME 4 – RSW004 Presenter: Brandeice Jamieson Topic: Green Solvent Extraction of WAS Lipids	THEME 1 – WS011 Presenter: Catherine Wilson Topic: Strategies for Disaster Preparedness and Recovery
11:30AM – 12:00PM	SIDE EVENT Presenter: MIYA Topic: Non-Revenue Water in the Region – Opportunities for Increasing Efficiency and Accessing Carbon Credit	THEME 3 – EEW012 Presenter: Alphonsus Daniel Topic: The Newly designed La Calome Wastewater Treatment Plant	SIDE EVENT Presenter: David Gray Topic: Enhancing Creditworthiness of Caribbean Utilities
12:00PM – 1:30PM	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
1:30PM – 2:00PM	THEME 2 – WQ002 Presenter: Sean Benton Topic: A New Wave: Revolutionizing Water Management with Smart Technology	THEME 3 – EEW008 Presenter: Samantha Gangapersad Topic: Established and Emerging Applications of Anaerobic Digestion to Improve Sustainability and Reduce Cost	THEME 3 – EEW011 Presenter: Dr. Kiran Tota-Maharaj Topic: Enhanced Nitrate Adsorption and removal from Wastewater using Amine-grafted Agricultural Waste Functionalised Biomaterials
2:00PM – 2:30PM	SIDE EVENT Presenter: Candice Santana Topic: Focus Workshop: Driving National and Regional reforms for IWWM and advancing SDG Reporting.	THEME 4 – RSW005 Presenter: Alnoor Allidina Topic: Containerized Bioenergy Plants for Caribbean Islands	THEME 1 – WS015 Presenter: Jawaharlall Ramjug Topic: Non-Revenue Water (NRW) Reduction Project in Linden
2:30PM – 2:45PM	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK
2:45PM – 3:15PM	THEME 2 – WQ005 Presenter: Martin Forde Topic: Assessing Nitrogen and Phosphorus Levels in Drinking Water Sources of Southern Grenada	THEME 2 – WQ007 Presenter: Deon Anderson Topic: Manganese Dioxide Pressure Filters: for high filtration rates and excellent iron removal without the use of chemicals	THEME 6 – GT005 Presenter: George Sammy Topic: Approaches to Environmental Disaster Assessment in the Aftermath of Disasters in the West Indies
3:15PM – 3:45PM	THEME 1 – WS002 Presenter: Jessica Jagdeo Topic: Lessons Learned – Hawaii Water Loss Control	SIDE EVENT CWWA Young Professionals Network (YPN) [TBA]	THEME 6 – GT011 Presenter: Thea Browne-Dennis Topic: Managing Critical Assets in Our Distribution System

Thursday 24th October 2024

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8:30AM – 9:00AM	THEME 1 – WS014 Presenter: Raul Briceno Topic: Dry Season and Drought Planning, Management and Mitigation	THEME 4 – RSW003 Presenter: Dorraine Duncan Topic: Participatory Solid Waste Management in Cassava Piece, Kingston, Jamaica	THEME 5 – RSG001 Presenter: Garwaine Johnson Topic: Cost Reduction and Profit Maximisation
9:00AM - 9:30AM	THEME 1 – WS016 Presenter: Rasheed Mohammed Topic: Enhancing Water Security in the Caribbean – Opportunities and Challenges of Solar-Powered Desalination.	THEME 4 – RSW001 Presenter: Dinesha Samuels Topic: Alternative Renewable Energy from Solid Waste	THEME 6 – GT013 Presenter: Jamila Lewis Topic: Social Media and Community Engagement as a Tool for Enhanced Sector Awareness
9:30AM – 10:00AM	THEME 1 – WS001 Presenter: Jose Mena Topic: Goal Zero – How a Smart Meter can Autonomously find leaks in your Distribution Network	THEME 3 – EEW010 Presenter: George Sammy Topic: Use Of Septic Tanks in Trinidad and Tobago – Historical Applications and Future Prospects	THEME 6 – GT010 Presenter: Keyshawn Wright Topic: Flood Management – Wetlands, Stormwater Retention/Reuse, Green Infrastructure and Other Solutions
10:00AM – 10:30AM	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK
10:30AM – 11:00AM	THEME 1 – WS025 Presenter: Thomas Beyer & Whyne Cox Topic: Insights from Grenada's Journey to Efficient NRW Management	THEME 3 – EEW001 Presenter: Raj Patil Topic: Capital Planning Using Asset Maintenance Scoring – A Municipal Perspective	THEME 6 – GT004 Presenter: Sean Benton Topic: A New Wave – Revolutionizing Water Management with Smart Technology
11:30AM – 12:00PM	THEME 1 – WS026 Presenter: Leyana Romain Topic: From Meeting Demand to Decreasing Demand – Current Challenges and Future Prospects, Water Conservation Prospects in Grenada	THEME 2 – WQ006 Presenter: Natalia Patterson Topic: Behaviour Cantered Design Project	SIDE EVENT Presenter: Dr. Adrian Cashman Topic: For Futures – Horizon 2050, Imagining the Future of Water in the Caribbean
12:00PM – 1:30PM	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
1:30PM – 2:00PM	THEME 2 – WQ001 Presenter: Hugo Rancharan Topic: BWSL Water Safety Plan for Double Run Water Treatment Plant	THEME 1 – WS003 Presenter: Edwin Jairam Topic: Realising Non-Revenue Water Reduction with limited dependence on Consumer Metering	THEME 4 – RSW006 Presenter: Jim Henderson Topic: Initial Results from PFAS Destruction Testing in Ultra High Temperature Ionic Plasma Synthesis Reactor for Biosolids Management