Call For Abstracts
Thematic Areas

For the 33rd Annual CWWA Conference and Exhibition
1 Thematic Area I
Water Security in an Uncertain Climate
   a. Dry Season and Drought Planning, Management and Mitigation.
   b. Fostering an enabling environment for IWRM: From Policy to Practice
   c. Sustainable use of Water-Related Ecosystems
   d. Incorporating Climate Change Predictions and Modelling into Regional Water Management
   e. Climate Resilient Infrastructure and Appropriate Planning Framework
   f. Water Conservation: Stakeholder Involvement and Appropriate Technology
   g. NRW Reduction – Limiting the Losses and Advancing a Smart Network
   h. Artificial Intelligence: Shaping the Future of Water and Resilient Infrastructure (cloud-based platforms, Water Resources Management, Predictive Maintenance for Water Supply, Optimising Energy Usage in Water Treatment and Distribution etc.)
   i. Case Studies: Community Based Interventions for Enhanced Water Supply

2 Thematic Area II
Water Quality: Human Health and the Environment
   a. Water Safety Standards: Monitoring, Prevention and Response toward eliminating Water Borne Diseases and Other Threats
   c. Effects of Climate Change on Water Quality and Health
   d. Emerging Technologies and Methods for Water Quality Monitoring and Management
   e. Standards in Utility Water and Wastewater Treatment Systems
   f. Protecting the Quality of Source Water: Polluter Pays Principle and Other Regulatory Systems
3 Thematic Area III
Efficient and Effective Wastewater Management
a. Wastewater Treatment and Reuse: taking ‘WASTE’ out of Wastewater
b. On-lot Septic Systems: Methods, Systems, Use and Successes
c. Nature Based Wastewater Management: A Regional Approach
d. Case Studies: Appropriate Greywater Collection, Treatment and Reuse Systems
e. Case Studies: New and Emerging Technology in Wastewater Treatment
f. Agricultural and Industrial Wastewater Management
g. Smart Urban Spaces: Incorporating Wastewater Reuse
h. Wastewater Monitoring as a Sentinel for Disease

4 Thematic Area IV
Regional Solid Waste Management: Reducing Our Waste Footprint
a. Creating an Enabling Environment for Waste to Energy Plants
b. From Source to Disposal - Waste Minimization, Treatment and Reuse
c. Case Studies: Hazardous Waste Management Systems
d. Advances in Regional Recycling and Associated Technologies
e. Alternative Renewable Energy from Solid Waste
f. Landfills a Necessary Problem: Air Pollution and Leachate Management
g. Solid Waste Management: Policy and Planning for the Local Context

5 Thematic Area V
Regional Sector Governance and Financing
a. Institutional Reform for Effective Governance
b. Models for Co-Investment in Infrastructure for Water and Sanitation
c. Building Social Resilience at the Community and Institutional Levels
d. Case Studies and Opportunities for Utility Twinning: Water Operator Partnerships (WOPs) and Sanitation Water Operator Partnerships (SWOPs)
e. Business Continuity for Utilities
g. Cost Reflective Water Tariffs – Economic Good vs. Human Right
h. Fostering Coherence between Water and Sectoral Policies

6 Thematic Area VI
General Topics
a. Social Media and Community Engagement as a Tool for Enhanced Sector Awareness
b. Post Disaster Assessment and Recovery
c. Risk Management: Increasing Resilience and Reducing Vulnerability
d. Preparing for and Learning from Emergency Response
e. Creating a proactive and effective Health, Safety and the Environment Culture within the Water and Sanitation sectors in the Caribbean.
f. Flood Management – Wetlands, Stormwater Retention/Reuse, Green Infrastructure and Other Solutions
g. Advancing Social Equity in Climate Resilience: Breaking the Barrier for Marginalized Groups, Small Island Developing States and Low Income Countries