



# Caribbean Water & Sewerage Association Inc (CAWASA)

In collaboration with the



National Water and Sewerage Authority (NAWASA), Grenada

## Fourth Caribbean Water Operators Conference

*Improving Operators Efficiency: Adapting to Climate Change*

*June 25-26, 2015*

*Radisson Hotel  
GRENADA*



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#### CAWASA MEMBERS

ANGUILLA · ANTIGUA & BARBUDA · BARBADOS · BRITISH VIRGIN ISLANDS · CAYMAN ISLANDS · DOMINICA  
GRENADA · MONTSERRAT · NEVIS · ST. KITTS · ST LUCIA · ST VINCENT & THE GRENADINES · TURKS & CAICOS

## About CAWASA

The Caribbean Water and Sewerage Association Inc., is a regional association of thirteen (13) water and sewerage utilities in the Caribbean. CAWASA was registered in St Lucia in May 2010 as the successor to the Caribbean Basin Water Management Programme Inc (CBWMP Inc).

## CAWASA Services

Our products and services are many and varied, including a range of operator-focussed activities. These include, but not limited to:

- **Networking** *(Sector – Collaboration – Publication – Conferences – Internships)*
- **Employee Development** *(Training – Workshops – Attachments – Internships)*
- **Advocacy** *(Policies – Legislations – Regulations)*
- **Research** *(Studies – Surveys – Projects – Benchmarking)*
- **Utility Development** *(Inspection – Classification – Management Support – Disaster Management)*
- **Operator Certification** *(Examinations; Remedial Training; Continuing Education; Certificate Renewal)*

## The Conference

The 2015 Water Operators Conference will be held in Grenada from June 25-26, 2015 in collaboration with host Utility, the National Water and Sewerage Authority (NAWASA).

### The Conference aim to:

- Update the knowledge and skills of water and wastewater operators through interaction with fellow operators
- Provide the opportunity to access, view and share the latest ideas in technical equipment, technology, products and services with suppliers
- Provide operators with the opportunity to share their experiences in preparing for seating the Operators Certification Examinations
- Provide the operators an opportunity to showcase their presentation skills through Professional presentations and competitive activities
- Provide the operators an opportunity to showcase their technical skills through the Operators Competition

## Who will attend

This event will bring together engineers, water /wastewater operators; water/wastewater laboratory analysts, stakeholders and other water industry personnel. Operators may earn up to 12 hours continuing education units (CEUs) for the two days for certificate renewal purposes.

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# Preliminary Programme

## DAY ONE

TIME	ACTIVITY
<b>8:00 am – 10:00 am</b>	<b>OPENING CEREMONY</b>
	Registration
	Welcome Address: Chairman, <i>NAWASA, Grenada</i>
	Conference Overview: <i>Executive Director, CAWASA</i>
	Remarks : <i>President, CAWASA</i>
	Guest Speaker: Eng. Daniel Cummings
	Remarks : Minister of Communications, Works, Physical Development, Public Utilities, ICT & Community Development - Grenada
	Vote of Thanks: General Manager, NAWASA, Grenada
<b>10:00 am – 10:15 am</b>	<b>NETWORKING BREAK</b>
<b>10:15 am – 11:00</b>	<b>SESSION 1: SYSTEM PLANNING AND MANAGEMENT</b>
	Energy Audit and Leak Detection
	Energy Efficiency in the water sector
	Wastewater Operations & Maintenance
	Importance of Water Conservation and Reducing Unaccounted for Water
<b>11:00 am – 12:30 pm</b>	<b>SESSION 2: HEALTH AND SAFETY</b>
	Changing Pretreatment Strategies to adapt to climate change ( <i>CaribDA</i> )
	Occupational Health & Safety for Operators of Water & Wastewater Utilities
	Chlorination and Disinfection
<b>12:30 – 1:30 pm</b>	<b>LUNCH</b>
<b>1:30 pm – 3:00 pm</b>	<b>SESSION 3: DISASTER AND EMERGENCY MANAGEMENT</b>
	Water Operator Challenges in the Aftermath of a Disaster
	Emergency Response Planning
	Topic (TBC)
	Topic (TBC)
<b>3:00 pm – 3:15 pm</b>	<b>NETWORKING BREAK</b>
<b>3:00 pm – 5:30 pm</b>	<b>SESSION 4 – OPERATOR CERTIFICATION &amp; LICENSING</b>
	Coping with Examination Challenges
	Water Utility Operator Training
	Association of Boards of Certification (ABC) Topic: TBC
	Operator Experiences (Topic: TBC)
<b>6:00 pm – 8:00 pm</b>	<b>COCKTAIL RECEPTION</b>

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## DAY TWO

Time	Activity
8:30 am – 10:15 am	<b>SESSION 5: CAPACITY BUILDING &amp; DEVELOPMENT</b>
	Global Water Partnership Alliance (GWOPA)
	The Caribbean Water Operators Platform (CariWOP)
	Benefits of Utility Twinning Arrangements
	Climate Adaptation for Wastewater Operators
	Caribbean Development Bank: (Topic TBC)
10:15 am – 10:30 am	<b>NETWORKING BREAK</b>
10:30 am – 1:00 pm	<b>SESSION 6: BUSINESS SESSION</b>
	OECS-RRACC
	WTP – Filtration Solutions
	GIZ-STA
	Development of Water Project for the Green Climate Fund – The Case of Grenada: GIZ-ICCAS
	GWP-C
1:00 pm – 2:00 pm	<b>LUNCH</b>
2:00 pm – 5:00 pm	<b>SESSION 7: OPERATORS COMPETITION</b>
	<ul style="list-style-type: none"> <li>▪ Category 1: Pipe Laying and Joining</li> <li>▪ Category 2: Service Connection</li> <li>▪ Category 3: Installation of Valves</li> </ul>
5:00 pm – 6:00 pm	Prize-Giving Ceremony & Refreshments
<p><b><u>Change of Topics, Substitution of Speakers and Cancellation of Presentations</u></b></p> <p><b><i>With reference to the Programme, there may be changes with regard to the Topics, Speakers and Presenters. These changes may be made at short notice prior to the Event. CAWASA reserves the right to make changes to the Programme and Speakers or to cancel an activity when deemed necessary. Should this happen, CAWASA's liability is limited to the refund of the Registration fee only.</i></b></p>	

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# Accommodation

## Venue

Radisson Hotel  
Grande Anse  
St George's Grenada



## Accommodation (with Breakfast)

Radisson Hotel  
Grand Anse  
St George's, Grenada

### **STANDARD ROOM**

Accommodation with Breakfast – US\$150.00 per person per night based on single occupancy (inclusive of VAT and Service Charge)

Delegates are responsible for booking their own accommodation.

### **HOTEL CONTACT INFORMATION**

Tel: +1 (473) 444-4371; E-mail: [rhi\\_grgr@radisson.com](mailto:rhi_grgr@radisson.com); [paradise@rgbresort.com](mailto:paradise@rgbresort.com)

Website: <http://www.radisson.com/st-george-hotel-gd/grdgrgr>

### **LOCATION**

- Grand Anse Main Road, St George's, Grenada
- The international airport is approximately seven (7) minutes away

## Alternative Accommodation

Flamboyant Hotel & Villas  
Morne Rouge, Grande Anse, St George's Grenada



### **Accommodation (with Breakfast)**

Single Room: US\$127.00 per night inclusive of service charge and VAT

Tel: 1 473 444-4247 : Email: [reservations@flamboyant.com](mailto:reservations@flamboyant.com)

Website: <http://www.flamboyant.com>



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## Self-contained Guest Houses (near-by)

1. South Winds Apartments – US \$78 per person per night (inclusive of service charge and VAT)

Location: Grand Anse, St George's Grenada

Contact information:

Tel: (473) 444-4310

E-mail: [southwinds@spiceisle.com](mailto:southwinds@spiceisle.com)

Website: <http://southwindsgrenada.com/>



2. Wave Crest – US\$91.50 per person per night (inclusive of service charge and VAT)

Location: Grand Anse, St George's Grenada

Contact information:

Tel: (473) 444-4116

E-mail: [wavecrest@spiceisle.com](mailto:wavecrest@spiceisle.com)

Website: <http://wavecrestgrenada.com/>



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