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SECRETARIAT UPDATE

CWWA 2015 CONFERENCE AND EXHIBITION 2015



The countdown is on!!!

We are looking forward to your attendance at the **24th Annual Conference and Exhibition in Miami, Florida**. The CWWA Secretariat takes this opportunity to remind you that there is a **discounted fee** for all CWWA members. Please feel free to contact the Secretariat at 868-645-8681 or email us at cwwattsecretariat@gmail.com to renew your membership or inquire as to your membership status.

MEMBERSHIP DUES

Please be reminded that your membership dues for the period **1st July 2015 – 30th June 2016** are now due. We urge you to look out via email for your payment invoice; if you have changed your email address, please email us your new address so that we may keep you updated on all upcoming conferences, seminars /workshops and our monthly newsletter.

Membership Grades are as follows:

The first figure indicates the application fee. The Second indicates the membership fee.

Member: US\$20 / \$40

Student: US\$15 / \$20

Associate Organization: US\$25 / \$875.

Corporate Company: US\$25 / \$175.

Corporate Utility: (A) US\$25 / \$1750.

(B) US\$25 / \$875.

(C) US\$25 / 435.

For further information and details please visit our website at: cwwa.net



Young People lend a hand to Trinidad's Ailing Watersheds

PORT OF SPAIN, Jun 23 2015 (IPS) - Starting in 1999, the Water and Sewerage Authority (WASA) of Trinidad and Tobago began a 10-year effort to map the country's water quality. They started to notice a worrying trend. The watersheds in the western region of Trinidad had progressed from being of moderate quality in some places to being outright bad. By 2010, a survey of the country showed more than 20 per cent of the watersheds were in serious trouble. "By adopting these ecological measures to protect our river water supplies, we can reduce the need for more energy intensive and more costly measures of obtaining water such as desalination." -- Dr. Natalie Boodram

"We have raised the alarm bell," said senior hydrologist David Samm. "WASA is concerned." WASA received a lot of bad press during the recently concluded dry season. Residents whose communities were roiled with protests almost weekly over lack of access to potable water vehemently criticized the agency while waving placards and publicly burning tyres. WASA is the designated body responsible for all of Trinidad and Tobago's water sources and supply. But factors beyond its control, like climate change and climate variability, are significant contributors to the crisis. "During the dry season we would have longer droughts so we will not have as much water for groundwater recharge," explained Samm, adding, "there is more intense rainfall for a given time period and because of continued development we have more flooding problems during the rainy season."

That has resulted in more surface runoff "and that water is being flushed through the watercourses and out to sea. Therefore, we have less recharge of our groundwater systems," he explained. He told IPS that 60 per cent of Trinidad and Tobago's potable water comes from surface water sources. There has also been major housing construction along the east-west corridor of Trinidad, he pointed out. "With climate change and the increase in impervious cover (due to urbanisation) the recharge of our groundwater system will be reduced," Samm said. As well, "with urban growth, you see garbage in the rivers – refrigerators." The authority decided it needed to act to protect the health of the watersheds on which its water supply depends. It introduced the Adopt-A-River programme in the summer of 2013. Since its rollout, several of the country's rivers have been adopted, including six of the most important, and there are 175 citizens working with the Adopt-A-River programme.

Though river adoption programmes are known in several states in the U.S., the programme in Trinidad and Tobago is among the first for the Caribbean



WORLD ENVIRONMENT DAY 2015



On Friday June 5th 2015, Trinidad and Tobago joins with the global community to celebrate World Environment Day. On this day we take the time to recognize our collective responsibility for the Earth, its natural assets and to become managers of change. The theme for World Environment Day (WED) 2015 is "Seven Billion Dreams. One Planet. Consume with Care". As it indicates, the well-being of humanity, the environment and economies ultimately depend on the responsible management of the planet's natural resources.

This day, founded by the United Nations is the principal vehicle through which worldwide awareness of the Environment is stimulated. Numerous studies have shown that we are consuming faster than the earth can provide and we are slowly but surely running out of natural resources. The United Nations estimates that in the next 30 years (by 2050), if current consumption and production patterns remain the same and with a rising population expected to reach 9.6 billion, we will need three planets to sustain our ways of living and consumption. In the last 30 years, apart from the heavy human and economic losses as a result of climate change, we have seen an increase in the intensity and frequency of weather extremes and the threatening of water and food security worldwide.

World Environment Day (WED) is a global celebration also serving as the 'people's day' for doing something collectively helpful for the environment. This year's World Environment Day activities being coordinated by Divisions and Agencies under the Ministry of the Environment and Water Resources include the Forestry Division's Awareness Walkathon and Tree Planting Exercise in Cumuto and the Aripo Savannas, school outreach activities by the Environmental Management Authority and the coordination of special drainage projects by the Drainage Division. However, while today highlights collective efforts of organizations, communities and societies, the collective has to start with the individual. As such, we must ask ourselves, what can I do to assist in making a positive impact on the environment?

The effects of environmental exploitation, climate change and global warming can be slowed by introducing simple energy saving initiatives and habits to our daily lives. Turn off the lights when you are not using them; avoid leaving your chargers plugged in when you are finished charging your phones, turn off multiple electronic appliances and reduce the amount of water you use. These are simple steps that you, your family and your friends can easily take to make a difference.

Environmental sustainability and surviving the consequences of its abuse is very important to the Ministry of the Environment and Water Resources and it should be a priority for all responsible citizens. We will continue to partner with the public and all our stakeholders to effectively manage the nation's natural resources and strive for a more sustainable co-existence with nature and her bounty.



GWP Network Meeting 2015

The annual GWP Network Meeting 2015 was held as a virtual event for the first time on 1 June in Stockholm, Sweden. GWP Partners worldwide were invited to get the latest update on the network activities through a live stream. The event was also recorded and is now available on the [GWP YouTube channel](#).

GWP Chair Dr. Ursula Schaefer-Preuss and Acting Executive Secretary Rudolph Cleveringa presented an overview of last year's activities – including a financial report and an update on the governance reform that GWP is currently going through. "2014 was a very rich and inspiring year for GWP. With generous contributions from our financing partners and regionally raised funding, we significantly increased the visibility of our growing network at local, regional and global level," said the GWP Chair.

She mentioned the work GWP has undertaken, in collaboration with a number of UN agencies and other stakeholders, to shape a dedicated water goal for the post-2015 development agenda: "We are particularly happy that the General Assembly of the United Nations has decided to include in the 17 sustainable development goals (SDGs), goal number 6: Ensure availability and sustainable management of water and sanitation for all". In his overview of last year, GWP Acting Executive Secretary Rudolph Cleveringa highlighted the knowledge management role of GWP by showcasing the newest publications: Background Paper 20: Water Security: Putting the Concept into Practice; Background Paper 19: Groundwater Governance and Irrigated Agriculture; Perspectives Paper: Coordinating Land and Water Governance; Perspectives Paper: The Links Between Land Use and Groundwater; Technical Focus Paper: IWRM in Central Asia: The Challenges of Managing Large Transboundary Rivers; Technical Focus Paper: IWRM in the Caribbean: The Challenges Facing Small Island Developing States. These publications are all available online or can be ordered through the GWP online order form.

The full live stream broadcast was filmed, and is now available as five clips.

For more information visit: <http://www.gwp.org/en/gwp-in-action/News-and-Activities/GWP-Network-Meeting-2015/>



World Water-Tech North America Summit

2015 marks the 3rd year for the World Water-Tech North America summit, supported by WaterTAP Ontario. This year we focus on city resilience and the future for advanced technologies in strengthening our urban water networks.

Leading edge municipalities, private utilities, corporate investors, engineering giants and emerging technology companies will meet in Toronto to discuss new paths to finance and develop smart, connected infrastructure and closed loop resource recovery systems. This year's World Water-Tech North America Summit, hosted by the Water Technology Acceleration Project (WaterTAP), will focus on city resilience and the future for advanced technologies in strengthening urban water networks.

An outstanding speaking faculty from innovative municipalities, private utilities, corporate investors, engineering giants and emerging technology companies will meet in Toronto to discuss new paths to finance and develop smart, connected infrastructure and closed loop resource recovery systems. The networking will start on October 6: Delegates can choose between a tour to a local wastewater recycling facility, or a workshop for water-tech entrepreneurs. At the end of the day, Toronto's XPV Capital will host a welcome drinks party.

During the summit, expert panels will be interspersed with Technology Showcase sessions sponsored by OCWA and featuring a line-up of innovative new water-tech talent. Roundtable discussion groups and a full program of 1-1 meetings will culminate in a networking reception hosted by smart grid leader FATHOM. Registration is now open.

For more information visit: www.worldwatertechnorthamerica.com



Haiti to receive \$50.0 million Grant for Clean Water, Sanitation Projects

Haiti is slated to receive a \$50 million grant from the International Development Association, following approval from the World Bank's Board of Directors. The grant will target more than 300,000 people in rural areas of Haiti hit hard by the cholera outbreak.

The "Sustainable Rural and Small Towns Water and Sanitation" project "aims to save lives by preventing cholera and waterborne diseases in high prevalence zones, and strengthen the capacity of local agencies to deliver water and sanitation services in rural areas and small towns," according to a statement from the World Bank. While Haiti has made great strides in controlling the cholera epidemic since it was brought to the country in 2010, heavy rains led to a sharp increase in cases in the first quarter of 2015.

"While deaths from cholera and waterborne diseases declined last year and remain below one percent of cases, cholera resurgence remains a threat and water borne diseases are one of the leading causes of infant mortality in the country," the World Bank said. The new project will target areas with high cholera incidence rates in the dry season, aiming to reinforce and complement activities by other partners in the country. The aim is to improve access to water sources for 150,000 people, while improving sanitation and hygiene for 50,000 people. Another 100,000 people are slated to benefit from "small repairs and expansions," according to the bank.

The project will also lay out a roadmap for universal access to sanitation and water by 2030.

For further details visit: <http://caribjournal.com/2015/05/27/haiti-to-receive-50-million-grant-for-clean-water-sanitation-projects/#>



SECTOR NEWS

Public Consultation planned for Solid Waste Management Policy

GEORGE TOWN, Grand Cayman (GIS) -- The public will have an opportunity to provide feedback on a draft National Solid Waste Management Policy for the Cayman Islands. During the consultation period of 16 June – 15 July 2015 the public will be able to offer input that may impact the direction of future waste management options, as the process of developing an integrated solid waste management system for the country continues.

The Health Ministry's solid waste management consultants AMEC Foster Wheeler worked with the Integrated Solid Waste Management System (ISWMS) Steering Committee to produce the draft policy. It outlines a vision for solid waste management, values that will guide public sector work in this field, as well as strategic directions and corresponding objectives.

Accordingly while the vision calls for "integrated, sustainable and effective waste management for the Cayman Islands", the values stipulate that this must take place in the context of a waste management hierarchy that prioritises reduction, reuse, recycling and recovery, and views disposal as a last resort.

Collaborations and partnerships with multiple sectors are another key area of focus as is the importance of reducing greenhouse gas emissions. Policy contributors also stress the importance of personal responsibility in ensuring sustainable waste management, and assert that waste producers should bear the cost of waste management.

For more information visit:

<http://news.caribseek.com/index.php/caribbean-islands-news/cayman-islands-news/item/100196-public-consultation-planned-for-solid-waste-management-policy>

EMPLOYMENT OPPORTUNITY



Position: Waste Water & Sewerage Chemist

Company Profile:

We are a specialty chemical manufacturer located in South Florida serving the Caribbean Islands for over 25 years. The company is rapidly expanding and in search of a waste water chemist. Please see below for the following requirements:

- *Experience of 3 + years in the area of waste water treatment
- *Willing to travel internationally
- *Able to analyze waste water problems and develop solutions
- *Problem solver and make appropriate recommendations to Customers.

Please email resumes to: hacint1209@gmail.com