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THE FLYER

Newsletter of the Robins AFB Post: Society of American Military Engineers



Preview of August 2008 SAME Presentation. Sustainable Stormwater Solutions in the Urban Environment. This presentation will be given by Mr. Ganesh Krishnan, PE, CPESC, Water Resources Engineer, Geosyntec Consultants.

Sustainable Stormwater Solutions in the Urban Environment

The growth of Georgia's towns, cities, and suburbs has profoundly altered natural drainage systems and water resources in our state. Urbanization changes not only the physical, but also the chemical and biological conditions of our waterways. Applying sustainable stormwater management techniques for developments is one way of combating the adverse effects of urbanization on our water resources. These techniques are also known as "Low Impact Development," or LID, techniques. These techniques can be used for new developments or retrofit into existing developments. Slowly, but surely, the use of LID techniques is being regulated at federal, state, and local levels.

This month's presenter is Mr. Ganesh Krishnan, PE, CPESC. His biography is given on page 2.



Presenter's Bio:

Ganesh Krishnan, PE, CPESC

Water Resources Engineer, Geosyntec Consultants

Based in Geosyntec's Atlanta regional office, Mr. Ganesh Krishnan, PE, CPESC, provides leadership for Geosyntec's water resources practice in the southeast. His practice is focused on: sustainable solutions for urban stormwater management; design, monitoring, and evaluation of stormwater Best Management Practices (BMPs), and programmatic support for construction NPDES compliance. Mr. Krishnan has more than 14 years experience as a design engineer in water resources and geo-environmental engineering. He received his Bachelor of Science degree in civil engineering in 1992 from Mangalore University in India. He earned two Master of Science degrees from the Florida Institute of Technology, the first in 1995 in civil engineering and the second in 1996, in environmental engineering.

Mr. Krishnan is a Certified Professional in Erosion and Sediment Control (CPESC), and a registered Professional Engineer (PE) in Georgia, Kentucky, Pennsylvania, and Louisiana. He is a Certified Level I & II Trainer for Erosion and Sediment Control in Georgia.



WHAT'S COMING UP...

The August 2008 SAME General Meeting will be held at the Officer's Club/Horizon's Atrium on Wednesday, 20 August 2008 at 11:30 hours. Mr. Ganesh Krishnan, PE, CPESC, Water Resources Engineer, Geosyntec Consultants will be the featured presenter. Please join us.



Intel Science & Engineering Fair

submitted by Nancy Manley

Every year, the Intel International Science and Engineering Fair news is worth following. The kids that enter are amazing. Students have a chance to dream and create big ideas like: a better way to get fresh water to victims of natural disasters, a way to help the blind and disabled access the Internet, or illustrate groundbreaking mathematical theory. According to Intel, these innovations, and more than a thousand like them, are on display every year at the fair, a global celebration of scientific excellence.

The Fair was held in Atlanta in May. Competing were 1,550 students from 51 countries. There was more than \$4 million in scholarships and prizes. This year, more than 20 percent of the young scientists and engineers either had or had applied for a patent for their work. For 2008, the top three \$50,000 scholarships were awarded to females! Last year, the top three awards went to males.

To read about their amazing projects, check out the press release at http://www.intel.com/pressroom/archive/releases/20080516edu_sm.htm#story.



Upcoming Dates in 2008

September 5-6 – 2008 SAME Post Leaders Workshop, SAME Headquarters, Arlington, VA (<http://posts.same.org/workshops/>).

September 17 – SAME Tour, TBD.

October 24 – SAME Golf Tournament at Robins Air Force Base.

November 19 – EarthTech will be presenting on "Reverse Osmosis and Desalination Plant at Hilton Head, SC."

SAME Mission

"To promote and facilitate engineering support for national security by developing and enhancing relationships and competencies among uniformed services, public and private sector engineers, and related professionals."

SAME Vision

"To be a premier global engineering organization leading the professional and personal growth of all members in support of military readiness and development of solutions to national security challenges."

Spotlight on Sustaining Member Firms: Geosyntec Consultants

Geosyntec Consultants, founded in 1983, provides consulting engineering and science services throughout the United States and internationally. The employee-owned and managed firm has a staff of over 700 engineers, scientists, and other technical support staff based in more than 30 offices throughout the U.S. and in Canada, Malaysia, and the United Kingdom. Approximately 80 percent of our technical staff have advanced degrees in engineering, scientific, or business management disciplines. Geosyntec engineers and scientists are known for their technology leadership and practice innovation in the areas of:

- Groundwater Assessment & Remediation
- Vapor Intrusion, Indoor Air Quality, & Vapor Control Services
- Perchlorate Investigation & Remediation
- Surface Water & Natural Resources Management
- Site Investigation & Remedial Design/Action
- Geotechnical & Geoenvironmental Engineering
- Environmental Management
- Pollution Prevention
- Risk Assessment & Toxicology
- Brownfield Site Development
- Waste Disposal Facility Permitting, Design, Construction & Closure

We are large enough to perform the most complex and technically challenging projects in-house, while delivering the customized, personal service and consistently excellent results for which smaller firms are renowned. For more information, visit www.geosyntec.com or contact us at 478.328.6181. Geosyntec's office is located at 1538 Watson Boulevard, Warner Robins, Georgia 31093.

Just Go Play

submitted by Nancy Manley

"Go play!" Remember your mother yelling that at you?

Today we are so busy, we say we don't have time to play. There's too much work to be done. Plus now we are anxious about this economy. Just adding to the stress.

This past week, there was genuine concern about one client whose stress level is at an all-time high. It's evident in his face, his voice, the way he walks. It's affecting his relationships. While some stress is warranted, he is creating a lot of the stress for himself. He was asked what he does to unwind. His answer was "pretty much nothing."

He is raising risks of stress-related illnesses such as high blood pressure or a heart attack. However, he also is possibly damaging his brain—his cognitive abilities.



SCIENCE SAYS...

Read the rest at <http://weknowengineers.blogspot.com>.

The New Kids on the Block

submitted by Nancy Manley

Dealing with the New Kids on the Block—the Millennials, not the revitalized boy band—can be a challenge for managers. I know. My 23-year-old son works with me part-time while he finishes school.

Traits of the Millennials

I recently heard this generation, born from 1981 to 2000, referred to as the most affluent generation. Other people have referred to them as being coddled. I'm guilty. Somebody drove my kids to school every day until they could drive themselves. With Atlanta traffic and child predators out there, I couldn't let them walk to school. The very idea!

These young people are focused on the present: "What can I do now?" At a recent conference, an associate and I were sharing stories about how we had to step up to management roles at the ages of 24 and 26. We bragged (if we're honest) about how we had to manage a dozen or more people, all older than us. A Millennial at our table sighed and said, "I sure wish I had a story like that to tell others." He is itching for an opportunity to make a difference.

Read more, including tips for managing Millennials at <http://weknowengineers.blogspot.com/>.

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Are you with a Sustaining Member Firm? If you would like to become one, or if you are not sure of your company's registration status, please contact Mr. Paul Koch, our Sustaining Member Director, at 478.923.5999 or pdkoch@mactec.com. 🎉