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○ February 2014

○ www.samerobins.org

THE FLYER

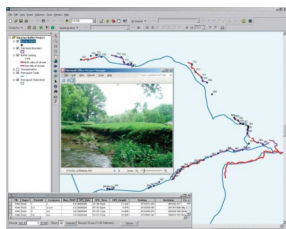
Newsletter of the Robins AFB Post: Society of American Military Engineers



Preview of February 2014 SAME Presentation entitled “Stormwater Infrastructure BMPs for the Digital Age”. This presentation will be given by Victoria Cheplak and Raphael Siebenmann of Geosyntec.

Stormwater Infrastructure BMPs for the Digital Age

Stormwater Best Management Practices (BMPs) are traditionally designed to function as passive systems for the management of urban runoff to meet regulatory criteria which include peak flow rate, runoff volumes, and water quality. Such systems are typically over-designed, and rarely represent optimal solutions. Recent advancements in information technology infrastructure, hardware systems, and software are providing a foundation for a future of digitally connected and dynamically controlled stormwater BMPs. These advancements have allowed engineers to develop more optimal BMP designs resulting in smaller BMP sizes and more efficient use of infrastructure. These advancements include: cheaper hardware and software platforms, advanced remote control technologies, cloud-based computing, readily available digital weather forecast data, etc. The technologies have great potential for new and retrofit green infrastructure applications, and in Department of Defense Facilities where real estate is a premium such as the Robins Air Force Base.



The presentation will focus on: case studies where dynamic real time controls of stormwater BMPs have been implemented for optimized BMP performance. The speakers will discuss the benefits of utilizing real time controls, and the applicability of such systems for different types of BMPs.

Happy Engineers' Week from SAME!

National Engineers Week, February 16–22, is designed to foster interest in the myriad of ways that engineering helps shape the modern world. From the roads we drive on to our entertainment options and from the wonders of the world to the lure of the unknown, engineering touches our lives daily and holds the promise of discoveries yet to come. Evoke the motto from the AF Civil Engineering world, “Engineers Lead the Way!” by sharing your knowledge of the wonderful world of Engineering with potential engineers today!



For more information on this event, please visit: <http://discovere.org/>!

SAME Spotlight: Member of the Month

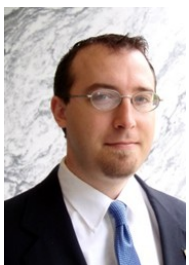
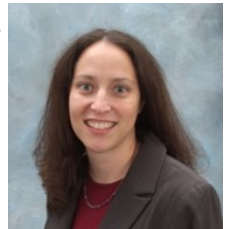


Colonel Roy Agustin is The Civil Engineer and Deputy Director for Installations and Mission Support, Headquarters Air Force Reserve Command. He oversees civil engineer, contracting and security forces policies, plans and programs at 9 host and 57 tenant locations throughout the United States supporting over 70,000 Airmen in 3 numbered air forces and 34 wings. Additionally, he provides functional management for nearly 200 Individual Mobilization Augmentees, 31 Prime Base Engineer Emergency Force units and 6 RED HORSE squadrons, comprising over 5,000 uniformed Civil Engineers.

Colonel Agustin is a native of Honolulu, Hawaii and entered active duty in 1989 after earning a bachelor of science in civil engineering from Santa Clara University and his commission through the ROTC program at San Jose State University. His experience encompasses installation-level positions and positions at the Office of the Secretary of Defense, Air Staff and major command headquarters. The colonel was the first Joint Base Anacostia-Bolling Air Force Element commander and installation vice commander. He served as a wing vice commander; commanded a mission support group, civil engineer squadron and RED HORSE unit; and deployed in support of operations in Southwest Asia as an air expeditionary group deputy commander. Col Agustin was recently nominated by the President to the Senate for appointment to the rank of brigadier general.

Presenter's Bio: Victoria Cheplak and Raphael Siebenmann

Victoria Cheplak, P.E. - Victoria Cheplak is a senior engineer with the Atlanta Regional Office of Geosyntec Consultants. Ms. Cheplak has over 12 years of consulting experience in applied hydraulics, hydrology, watershed and stormwater quality modeling, erosion and sediment control, and civil site design. She is a registered professional engineer in Georgia and Kentucky. Ms. Cheplak has been assisting Robins Air Force Base with stormwater management solutions for more than a decade.



Raphael Siebenmann, P.E. - Raphael Siebenmann is a senior engineer with the Atlanta Regional Office of Geosyntec Consultants. Mr. Siebenmann has over 10 years of experience in environmental consulting, encompassing a wide variety of environmental and geotechnical applications including real-time water quality reporting and analysis. He is a registered professional engineer in Georgia and has experience designing and maintaining large environmental databases, conducting data analysis, 3-dimensional visualizations, and working with geographic information systems (GIS).



The next Robins Post General Meeting will be held on **15 January 2013 at 11:30 am**. The meeting will be held at China Buffet on Russell Pkwy. All are welcome.

UPCOMING DATES FOR 2014:

19 February: 1130 Hours: SAME General Meeting immediately preceded by SAME Robins Post Board/Officer's Meeting. Geosyntec will be giving a presentation on High Performance Stormwater Infrastructure BMPs using digital technology.

16-22 February: National Engineers Week

19 March: 1130 Hours: SAME General Meeting immediately preceded by SAME Robins Post Board/Officer's Meeting. Presentation TBA.

Sustaining Member Spotlight: GEC

Geotechnical & Environmental Consultants, Inc. (GEC) is an engineering consulting firm with offices in Macon and Columbus and LaGrange, Georgia. GEC was founded in 1999, from the succession of the Macon and Columbus branch offices of Geosciences, Inc. (founded in 1991). GEC provides consultative services in three key areas: Geotechnical Engineering, Environmental Engineering, and Construction Quality Control Testing.

GEC received the Small Existing Business/Industry Award from the Macon Chamber of Commerce in 2011 and 2005. In addition to being honored locally, GEC received commendation from Governor Sonny Perdue as a Georgia Small Business of Excellence. GEC offers many services including:

Geotechnical Engineering and Drilling:

Subsurface Evaluation, Foundation Evaluation, Soil Test Auger Borings' Monitoring Well Installation, Hydrometer Sampling, Pile Load Testing, Pile Installation Monitoring, Site Seismic Analysis

Environmental Engineering:

Environmental Site Assessments, HSRA Evaluation, Underground Storage Tank Consulting, Soil and Groundwater Monitoring and Testing, Asbestos Inspection and Testing, Lead Based Paint Inspection and Testing, Wetlands Delineation, On-Site Septic Application Soil Survey, Health and Safety Plan Preparation/Implementation, Regulatory Compliance, Storm water Pollution and Prevention Plans

GEC

GEOTECHNICAL
&
ENVIRONMENTAL
CONSULTANTS, INC

Construction Material Testing:

QA/QC Field Testing, Materials Testing and Inspection, Deep Foundation Monitoring and Inspection, Floor Flatness Testing, Concrete Mix Design and Verification, NPDES Design, Inspection and Monitoring.

Forensic Engineering:

Expert Witness, Fire/Explosion Origin and Cause, Vehicle Accident Reconstruction Analysis, Microbial Origin and Cause, Construction Defects

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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."

2014 Officer Election Results

And the winner is...

Elections were held at the January meeting and the results are in:

President: Col (Sel) Craig Johnson

Vice President: Mike Coats

Secretary: Esther Lee-Altman

Assistant Secretary: MSgt Melissa Broussard

Treasurer: James Griffin

Senior Enlisted Advisor: MSgt Kerry Parsons



Director, Sustaining Memberships: Kathy Chaffin

Director, Events/Small Business: Steve Hvizdzak

Director, Emergency Preparedness: Joe Ballard

Congratulations to our officers, old and new! A great start to a great, new year!



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SAME Robins Post Sustaining Member News

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 Ms. Kathy Chaffin, our Sustaining Member Director, at 251.545.8427 or at: kchaffin@cticompanies.com.

Accepting Abstracts

We are accepting abstracts for presentations for 2014. Let us know what presentation topics, presenters, or tour ideas would most interest you. We want to know what is important to you. Please contact Mr. Ken Branton at: Kenneth.Branton@urs.com with feedback or for more information.