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○ JANUARY 2010

○ www.same.org

THE FLYER

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



Preview of January 2010 SAME Presentation, entitled "Solar Power Systems on Landfill Sites." This presentation will be given by Dr. Majdi Othman, PE, Principal, Geosyntec Consultants, Kennesaw, Georgia.

Solar Power Systems on Landfill Sites

This month's presentation will focus on the development of solar power systems on landfill sites. The presentation will include information about the different types of solar power systems currently being utilized at landfill sites and the advantages and issues associated with these systems. Design considerations, such as foundation bearing capacity, interaction with existing final cover system and existing structures, settlement, wind forces, access, surface water management, and durability will be discussed. The economics of solar power systems including land requirements, capital and O&M costs, revenues from power sales and renewable energy and emission reduction credits will be presented.



Call for Nominations

The SAME Robins Post is currently accepting nominations for officer/director positions, including:

- President
- Vice President
- Secretary
- Assistant Secretary
- Treasurer
- National Security Director
- Events/Small Business Director
- Sustaining Memberships Director

All positions are open to SAME members in good standing. Officer positions are one-year terms and director positions are two-year terms. Nominations should be submitted electronically to the current Secretary via email at bnagel@geosyntec.com or by calling 478.328.6181, ext. 21. Please make sure you receive a confirmation indicating receipt to ensure your nominee's name is placed on the ballot. Nominations will be accepted through **1700 hours, Friday, 15 January 2010**. Please consider nominating someone today! **SAME Robins Post elections will be held at the 20 January 2010 General Meeting**. All attending members will be allowed to vote at the meeting.

Presenter's Bio: Majdi Othman, Ph.D, P.E., Principal, Geosyntec Consultants

Majdi Othman is a Principal Engineer with Geosyntec Consultants in Atlanta, Georgia. He received a doctorate degree in geo-environmental engineering from the University of Wisconsin-Madison in 1992. He has 20 years of consulting experience in geotechnical, environmental, and civil engineering projects. His work focuses on waste disposal facility siting, design, permitting, and construction; design and permitting of bioreactor landfills; landfill air permitting and compliance; design and permitting of landfill gas collection and landfill gas to energy projects; renewable energy feasibility studies and implementations; hydrogeologic investigations and ground-water impact analysis and protection; remediation of contaminated sites; environmental monitoring; and construction management.



Majdi provided advisement to regulatory agencies including the U.S. EPA, California Integrated Waste Management Board, and Maine Department of Environmental Protection.

He has published 25 technical articles and guidance reports and gave many presentations and invited lectures. He provided peer review to publications in many first-rate journals and conference proceedings, and served as an editor of the international journal Geotechnical News. Dr. Othman was a recipient of the 1994 American Society of Civil Engineers Collingwood Prize.

SAME Spotlight: Member of the Month



Mr. Shawn Politino graduated in 1981 with BS in Civil Engineering and 1985 with Master of Engineering in Civil Engineering specializing in Sanitary Engineering from West Virginia Institute of Technology. He has been at Robins AFB since May 1982 and worked in the Environmental Management Office for 26 years. He currently is employed at Headquarters Air Force Reserve Command for over a year as a Project Manager in Civil Engineering. Mr. Politino is a Lifetime Member of SAME and has been a Member of the Robins Post in since 1984. At home, Shawn enjoys spending time with his wife Amanda and daughters Clara, Cathleen, and Sophia. Also, he spends time flying, playing golf, and holds the rank of Lt. Colonel in the Civil Air Patrol.

WHAT'S COMING UP...

The next Robins Post General Meeting will be held on 20 January 2010 at 11:30 am. The meeting will be held in the Horizon's Atrium. All are welcome.

Upcoming Dates in 2010

20 January: 1130 hours: SAME General Meeting immediately preceded by the SAME Robins Post Board/Officer's Meeting for current Officers at the Horizon's Atrium. Dr. Majdi Othman, Ph.D., P.E. of Geosyntec Consultants will be presenting on 'Solar Power Systems on Landfill Sites' discussing this alternative energy technology.

14-20 February: National Engineers Week (observance).

17 February: 1130 hours: SAME General Meeting immediately preceded by the SAME Robins Post Board/Officer's Meeting. Habitat for Humanity will be the featured presenter.

17 March: 1130 hours: SAME General Meeting immediately preceded by SAME Robins Post Board/Officer's Meeting. LaFarge Concrete Products will be the featured presenter and will present on alternative technologies with concrete materials.

23 April: Earth Day Golf Tournament at Robins AFB.

4-7 May: SAME Joint Engineer Training Conference & Expo 2010, Atlanta, Georgia (SAME National Conference).

SAME Robins Post Elections Notice

The SAME Robins Post Elections will be held at the January 20th General Meeting. All attending members will be allowed to vote at the meeting. Please plan to attend and cast your votes.

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."

Distinguished Service Honored with Award Presentation

Mr. Bill Nagel was recognized by the SAME Robins Post Board for his service in SAME and was acknowledged as the recipient of the prestigious **Ric Powers' Achievement Award**. Mr. Nagel has served as The SAME Robins Post Secretary for the past 3 years. Mr. Nagel is a 1993 University of Buffalo Engineering Graduate and is a Project Engineer at Geosyntec Consultants' local office located in Warner Robins.

Ms. Laurel Cordell was also recognized by the SAME Robins Post Board for all of her contributions to SAME and to the Post, and was named the recipient of the

Outstanding Young Member Award. Ms. Cordell has Served as a Programs Director for the post this past year. Ms. Cordell is a 2007 Mercer University Engineering Graduate and serves as a Project Manager for the Environmental Division on restoration projects.

The SAME Robins Post would like to congratulate Mr.Nagel and Ms. Cordell on these awards. **Awards will be presented at the January 20th SAME Robins Post General Meeting.**

The Post appreciates all of their contributions to SAME over the past year.



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 40 offices throughout the US and in Canada, Malaysia, United Kingdom, and Australia. 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

Geosyntec 
consultants

engineers | scientists | innovators

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. Geosyntec's office is located at 1538 Watson Boulevard, Warner Robins, Georgia 31093. For more information, visit www.geosyntec.com or contact us at 478.328.6181.

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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 Mr. Paul Koch, our Sustaining Member Director, at 478.923.5999 or pdkoch@mactec.com.

Accepting Abstracts

We are currently accepting abstracts for presenters and Presentations in 2010. Let us know what presentation topics or presenters would most interest you. We want to know what is important to you. Please contact Mr. Ken Branton at kenneth_branton@urscorp.com with feedback or for more information.