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THE FLYER

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



Preview of June 2009 SAME presentation, entitled "Energy Conservation at Kadena Airbase." This presentation will be given by Mr. Clive Rountree, CEM, CLEP, CDSM, Senior Energy Engineer with Montgomery Watson Harza.

Energy Conservation at Kadena Airbase

As energy prices skyrocket, federal agencies come under pressure to reduce energy consumption. As part of the resource efficiency manager (REM) services project at Kadena Air Base, Okinawa, Montgomery Watson Harza (MWH) developed and implemented various initiatives that resulted in cost savings, energy consumption reduction, and water use reduction. Various lighting projects improved indoor lighting and provided energy savings. Water saving projects included new washing machines and low flow water devices for billeting and the dorms. Other projects included the intelligent metering program and energy management and control program. MWH recommended eight no-cost initiatives that could result in over 13MWh and 45,000MBTU of power savings a year. MWH also completed 25 energy initiatives resulting in nearly 15.5MWh and 85,000MBTU yielded reduction a year.

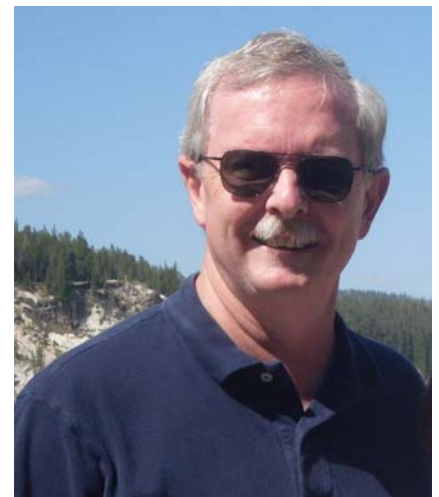


Read about the presenter on page 2.

SAME Spotlight: Member of the Month

Ken Branton, Senior Program Manager of URS Group, Inc., is this month's Spotlight Member of the Month. Ken has been with URS for 11 years and served in the Air Force for 22 years, retiring as a Lieutenant Colonel in 1998. He has been an active member of the Post since 1998, has served as Membership Chair, and currently serves as our Programs Chair. Having seen the growth and changes of Robins AFB first-hand since the early 1990s, Ken recognizes the need for engineers and scientists to be involved in SAME for networking and idea sharing, and he enjoys the challenge of identifying new presentations and tours for its members' continuing education.

Mr. Branton received his BS degree in Mining and Petroleum Engineering from the University of Alabama and his MS degree in Business Management from Boston University. Ken served in the Air Force as a Bioenvironmental Engineer. He was stationed at Robins AFB from 1991-96 as the Chief of the Restoration Division and as the Deputy Director of Environmental Management. During his tenure at Robins AFB, Environmental Management programs were recognized by the Air Force and Department of Defense with many environmental awards. Ken still has an interest in helping Robins be recognized for outstanding and innovative ideas. In 2007 Robins AFB was presented the AFMC General Thomas D. White Natural Resources Conservation (Small Base) (FY04-07) Award for their work in Conservation of which URS is an integral part.



"Member of the Month" continued on page 2.

TME, Sustainable Stormwater Management

Russ Adams of Robins Air Force Base, Robert Goo of the U.S. Environmental Protection Agency, as well as Steve Roy, LEED[®] AP, and Ganesh Krishnan, PE, CPESC of Geosyntec Consultants, authored an article in *The Military Engineer* May-June 2009 issue entitled "Sustainable Stormwater Management."

In the article, the writers discuss *The Energy Independence and Security Act of 2007* (EISA) and its potential impacts on stormwater management practices at federal facilities across the United States. Section 438 of this 2007 legislation sets forth new requirements for stormwater management for new federal facilities with footprints that exceed 5,000 square feet. EISA's requirements emphasize sustainability, rapidly transforming today's face of stormwater management techniques into the need for green design and low-impact development (LID). The authors present analysis of the challenges of EISA for facility hosts and

tenants along with their consultants as they strive to meet the regulatory imperative of "maximum extent technically feasible" contained within the law.

To read this article, visit http://themilitaryengineer.com/issues/TME_May_June09/ (page 67).



Presenter's Bio: Clive Rountree, MWH Americas

Mr. Clive Rountree, CEM, CLEP, CDSM, is the Senior Energy Engineer for MWH Americas. Mr. Rountree has performed well over 500 energy audits and assessments in federal, state, municipal, commercial, industrial, and institutional facilities. The areas ranged from very small (80 sqft) to very large campuses of over 23 Msqft.

Mr. Rountree earned his Bachelor of Electrical Engineering Technology degree from Southern Polytechnic Institute in Marietta, Georgia in 1983. He has since earned the Certified Energy Manager (CEM), Certified Lighting Efficiency Professional (CLEP), Certified Demand Side Manager (CDSM), Certified Building Commissioning Professional (CBCP), and Certified Energy Auditor (CEA) from the Association of Energy Engineers.

Mr. Rountree is married with three adult children and lives in the Atlanta, Georgia area. He enjoys SCUBA diving and is a Master SCUBA Instructor.

"Member of the Month" continued from page 1.

In Ken's follow-on assignment at Tyndall AFB, he served as the Deputy Director of the Air Force Environmental Research Laboratory overseeing research and development of new innovative technologies used by industry today in the areas of restoration, compliance, and pollution prevention. During Ken's current tenure at URS, he serves as the Senior Program Manager for Department of Defense programs in Georgia and South Carolina and manages the local URS office in Warner Robins, providing direct support to Robins AFB. He also provides support to other Federal Programs such as FEMA and the US Postal Service.

He and his wife Denise (BS, Nursing, Lactation Consultant) together have four sons, three daughters, and one granddaughter. When not in Warner Robins or Atlanta, they can usually be found in Tuscaloosa visiting family (granddaughter Reagan) and attending Alabama football games (Roll Tide!!).

WHAT'S COMING UP...

The next Robins Post General Meeting will be held on 17 June 2009 at 11:30 am. The meeting will be held in the Horizon's Atrium. All are welcome.



Upcoming Dates in 2009

17 June: 1130 a.m.: SAME General Meeting immediately followed by SAME Robins Post Board/Officers' Meeting. Mr. Clive Rountree, MWH will be presenting on Energy Conservation.

15 July: 1130 a.m.: SAME General Meeting immediately followed by SAME Robins Post Board/Officer's Meeting.

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."

SAME Robins Post Scholarship Winners

Ms. Colby Wilkason of Warner Robins High School is the Salutatorian for the Class of 2009. She plans to study engineering this fall at Harvard University. Colby was the WRHS STAR student for having the highest SAT scores at her school, an AP Scholar, and garnered a total of 30 international, national, state, and regional science awards. She was also active in band, Beta Club, varsity tennis, and the student council.

Ms. Meredith Freeman is the Perry High School Valedictorian for 2009. She was a member of the Perry High School varsity soccer, cross-country, and swim teams, and she was active with the National Honor Society, student council, Future Farmers of America, Future Business Leaders of America, and her church youth group. Meredith will study engineering at Georgia Tech this fall.



In left photo, Mr. Mike Coats presents Ms. Colby Wilkason with the SAME Robins Post Scholarship Award. In right photo, Ms. Meredith Freeman receives her award from Mr. Coats.

Spotlight on Sustaining Member Firms: **ARCADIS** *Infrastructure, environment, buildings*

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- Diversified clients, services, and products in the environmental, infrastructure and facilities markets
- Client-focused and market-driven
- Integrated company that operates as "one firm"
- Respected by clients, competitors and employees
- Renowned for size and complexity of world-class projects

ARCADIS is an international company providing consultancy, engineering and management services in infrastructure, environment and buildings, to enhance mobility, sustainability and quality of life. ARCADIS develops, designs, implements, maintains and operates projects for companies and governments. With more than 13,500 employees and more than \$2 billion in gross revenue, the company has an extensive international network that is supported by strong local market positions. ▶

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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.