



AMERICAN SOCIETY OF CIVIL ENGINEERS
NATIONAL CAPITAL SECTION

GEOTECHNICAL EXECUTIVE COMMITTEE

May Meeting
Sponsored By:

When: May 21, 2008
11:30 – 1: 30 p.m. Lunch

Where: Maggiano's, Tysons Corner
Tysons II Mall, 2001 International Drive
McLean, VA

Cost: \$45/person (payable to "ASCE-NCS Section")
\$10/student rate

Guest Speaker: *John Sankey, P.E., Vice President of Engineering
The Reinforced Earth Company*

"Engineers without Borders-Project by the Chesapeake Chapter"

Engineers Without Borders (EWB) is a non-profit humanitarian organization established to partner with developing communities worldwide in order to improve their quality of life. This partnership involves the implementation of sustainable engineering projects, while involving and training internationally responsible engineers and engineering students. One of the largest chapters on the East Coast, and local to this area, is the EWB *Chesapeake Chapter*. The discussion will address the EWB organization and projects performed by the local chapter including water systems for drinking and/or agriculture, waste water facilities and/or treatment, solar power systems for electricity, school construction and roadway stabilization.

EWB activities range from the construction of sustainable systems that developing communities can own and operate without external assistance, to empowering such communities by enhancing local, technical, managerial, and entrepreneurial skills. These projects are initiated by, and completed with, contributions from the host community working with EWB project teams. EWB contributes to meeting the United Nations Millennium Development Goals (MDGs) through capacity building in community projects. Capacity building is defined as "...the building (or strengthening) of human, institutional and infrastructure capacity to help societies develop secure, stable and sustainable economies, governments and other institutions through mentoring, training, education, physical projects, the infusion of financial and other resources, and most importantly, the motivation and inspiration of people to improve their lives" (Hatch, 2004). EWB-USA was created in Fall 2000. EWB-USA is also a member of the Engineers Without Borders - International network.

The *Chesapeake Chapter* was formed in 2005 and members consist of professionals from the Maryland, DC, and Virginia area. The chapter has a close relationship with University of Maryland and Johns Hopkins University Students. We are presently working on projects (together with students from UMD & JHU) in Thailand, Ecuador, Brazil, South Africa, and Honduras. In addition, the professionals in the *Chesapeake Chapter* are currently starting work in Liberia.

About our speaker: John Sankey, P.E., is Vice President of Engineering for The Reinforced Earth Company, Vienna, Virginia and also serves as Vice President of the EWB *Chesapeake Chapter*. John has served as a professional on EWB student projects in Ecuador and Thailand and currently is part of the assessment team for work in Liberia. John will be accompanied in his presentation by participating EWB students from the University of Maryland.

Reservations:
Please respond by May 16th

Kellie Owens tele: 703-771-9844
kowens@geostructures.com

**Note: The facility charges by number of reservations, not by actual attendees.
Therefore, NO-SHOWS WILL BE BILLED if necessary to cover costs.**