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ASCE

NORTH JERSEY BRANCH

The ASCE North Jersey Branch YMG

invites you to the

Year End Social

Date/Time: Friday, December 17, 2010, 7pm

Location: The Famished Frog
1800 Washington St
Morristown, NJJoin local YMG members for a Happy Hour social at
The Famished Frog!

Questions?

Contact Alicia Mahon (YMG President)

amahon@stevens.edu

Hope to see you there!

PRESIDENT'S ADDRESS



Greetings to North Jersey Branch Members. Happy Holidays and wishing all of you a joyous, prosperous and healthy New Year.

Considering the current economic conditions and the gloomy forecast of the construction industry, I had a great time with my family and friends during the thanksgiving holiday. As a first generation immigrant, I assimilated the thanksgiving concept joyfully and enjoyed a delicious turkey with a twist of Asian spicy flavor. I even contributed to the economy by buying a few items on black Friday. However, I opted to buy through the internet rather than venturing out with millions of shoppers at the malls. As we struggle through this tough economic time, I hope that everybody had a great time with the holiday.

We had a great evening with The Kipingi Water project presentation which was coordinated by the Engineers Without Borders (EWB). The meeting was held on Thursday, November 18, 2010 at LaQuinta Inn & Suites. Around 40 attendees participated to listen to Chris Kohr and David Haas speak about a project in Kipingi, Kenya to provide clean drinking water to a village of approximately 1,500 people. Robert Bunting, PE, who is the chair of Geotechnical Group, organized the event. Congratulations to Bob for a job well done. Also, I would like to thank all the attendees for your active participation.

On Wednesday, December 1, 2010, we had our first full-day seminar on Design and Construction of Steel Sheet Piling Structures. The seminar was presented by Dr. Richard Hartman, a leading international expert in the design and construction of steel sheet pile structures. The full-day seminar was coordinated by Richard Morales, PE of L.B. Foster, and about 30 people attended the full-day seminar. The meeting was held at the training facility of Weeks Marine, Inc. corporate office located in Cranford, NJ. Congratulations to Richard for a job well done. Also, I would like to thank all the attendees for your active participation.

Also, ASCE NJB is sponsoring a two-day event on "Trenchless Technology, SSES and Buried Asset Management" on Wednesday and Thursday, December 15 and 16, 2010 at the Sheraton Newark Airport Hotel in Newark, NJ. A number of speakers will be covering topics ranging from techniques and methods to case studies with cost saving alternatives, through recent product advancements in the trenchless technology industry. Details of the program and registration information are provided in the Mid Atlantic Society for Trenchless Technology's (MASTT) website: www.mastt.org.

Please keep in mind that ASCE NJB will have a joint dinner meeting with ASHE North-Central New Jersey section on Tuesday, January 11, 2011 at Snuffy's Restaurant in Scotch Plains, NJ. The presentation will be on the Garden State Parkway Widening project. Please mark your calendar and visit our website www.ascenorthjerseybranch.org for details.

The year is almost over. I would like to express my sincere thanks to all of you for your support. As an optimist, I can only hope that 2011 will bring peace, stability and laughter in our lives.

Lastly, if you are interested in joining our Board, please let me know or send me an e-mail. We always need help with our various programs.

Best wishes,

A handwritten signature in blue ink that reads "Golam Kabir". The signature is written in a cursive, slightly stylized font.

M. Golam Kabir, Ph.D., P.E.
(973) 428-0934 Ext. 137

Water Resource Group Dinner Presentation



Mr. Christopher Kohr discussing the Project's Site Assessment



Mr. David Haas discussing the proposed well and Implementation Trip

On November 18th the Water Resource Group held a dinner presentation entitled "The Kipingi Water Project, Engineers Without Borders". The guest speakers for the evening were Mr. Christopher Kohr, a field engineer for Skanska Civil Northeast in New York City and Mr. David Haas, a Math Professor at Farleigh Dickinson University. Thirty-two (32) people gathered at La Quinta Inn & Suites in Fairfield NJ to listen to Chris and David who are also members of the Northern New Jersey Professional Chapter of Engineers Without Borders.

Engineers Without Borders (EWB) was formed in 2002 by University of Colorado Civil Engineering Professor Bernard Amadei. It currently has over 12,000 members and 250 dedicated chapters working on over 350 projects in over 45 developing countries. The Northern New Jersey Professionals Chapter (EWB-NNJPC) has been assigned a project in Kipingi, Kenya to provide clean drinking water to a village of approximately 1,500 people. The presentation discussed the role of EWB-NNJPC in providing assistance with design, implementation, water quality/environmental control, funding and education to the community.

NORTH JERSEY BRANCH TECHNICAL GROUPS

Join one of these groups and get involved with others in your field of interest. For more information, contact Kerri Tyerman, P.E. at Ktyerman@dewberry.com or any of the individuals listed below:

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140th ASCE Annual Conference



ASCE's 140th annual conference was held from October 21st to 23rd at Bally's in Las Vegas, NV. The conference was timed to coincide with the 75th anniversary of nearby Hoover Dam and with the opening of the new Hoover Dam Bypass bridge, carrying Route 93 over the Colorado River. This year, the North Jersey Branch sent four delegates to the conference.

The theme of the conference was sustainability and seminars along these lines included project case studies involving sustainable construction and design, the global impact of civil engineers and the unveiling of ASCE's new sustainable infrastructure rating system.

Other events included seminars on mentoring, career management, business development, getting kids interested in engineering and legal challenges facing engineers.

In honor of Hoover Dam's 75th anniversary, ASCE also organized special tours of the dam and powerhouse structures as well as a symposium with presentations relating to technical challenges and triumphs during dam construction as well as on going performance of the dam.

Of particular interest was speaking to leaders of other successful ASCE branches and sections. Lessons learned during these conversations included:

- Successful and active branches have the involvement of many members in key positions, not simply the bare minimum required for a governing board.
- The way to fill these positions is to foster a culture of volunteerism and participation at the student level that continues beyond graduation.

The North Jersey Branch has many opportunities to become a leader in your profession. In particular we are looking for members to act as liaisons with the engineering universities and colleges in our area. Strong relationships with people entering our profession today will lead to a more vibrant and active civil engineering community tomorrow.

If you would like to become involved simply approach a branch officer at our next event or get in touch via e-mail. A list of officers and their contact information is available on the branch website at :

<http://www.ascenorthjerseybranch.org/branch-officers>



Thursday December 9, 2010 9am to 12pm
Robotech CAD Solutions
Autodesk Training Center
Hoboken, New Jersey

In this session, we'll design a storm water management system. We'll build upon data from a drainage planning study and show how to do a surface analysis and determine drainage catchments in Civil 3D, model a pipe network in Civil 3D and then share the pipe network and catchment information with Autodesk Storm and Sanitary Analysis Extension. Once the system has been refined, we'll update the Civil 3D model and prepare reports for regulatory review. Where applicable, we will incorporate techniques for Low Impact Development (LID), an innovative approach to stormwater management that is being promoted by federal agencies, state and local governments for regulatory compliance.

The Autodesk® Storm and Sanitary Analysis 2011 Extension is a hydrology and hydraulic analysis application for planning and designing drainage systems, storm sewers, including highway drainage systems and sanitary sewers.

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- Culverts and bridges

Click here for the agenda and on-line registration
www.robotechcad.com/seminar
or call
Cissie at 201-792-6300 to register by phone.

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