

CAE

Newsletter

Issue 2, Spring 2015



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DEPARTMENT OF CIVIL AND ARCHITECTURAL ENGINEERING
NEWSLETTER

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Establishment of an ASCE Student Chapter

The Department of Civil and Architectural Engineering established this year the first ASCE Student Chapter at Qatar University. Officials for this Chapter were elected by students to carry the responsibility of all activities and events that will be conducted in the academic year 2015/2016.

The elected students are:

- President: Saed Abu Afifeh
- Vice President: Majed Hadid
- Secretary: Mohammed Nidal
- Treasurer: Mohammed Nawras
- Activities Representative: Tareq Shelbaieh
- Media Representative: Omar Lotfy
- Public Relations Representative: Talab Al Qawasma



3rd High School Wooden Bridge Competition-2015

This competition was organized for the third time to promote “Engineering” in general, and “Civil Engineering”, in particular, to high school students in Qatar. This competition gave high school students an opportunity to use their imagination and creativity in designing small-scale wooden bridges.



The competition took place on March 31, 2015 in Ibn Khaldoon Hall at the Qatar University. Around thirty independent and international schools participated in this event. The award ceremony took place on April 30, 2015.



For the first time, students of the Department of Civil and Architectural Engineering were allowed to compete against each other. Ten teams participated in the event.



Civil Engineering Social Day

This event was organized by the ASCE Student Chapter to give an opportunity for the students, faculty, and the staff to meet and have traditional dishes. The event took place on Wednesday, April 29, 2015.



Ashghal Day 2015

The event aimed to attract engineering students in general, and civil engineering students in particular, to employment and training opportunities with Public Works Authority (Ashghal). Students were also introduced to future projects to be executed by Ashghal. The event took place on May 12, 2015 at Qatar University.



Civil Engineering Students Ranked 4th Place in the 14th Inter-College Environmental Public Speaking Competition

Congratulations to the students Hamad Alnuaimi, Adel Awad, Abdulla Alnaimi, Odai Salah Zain Eddin, and Abdul Rahman Ismael for winning the 4th place in the 14th Inter-College Environmental Public Speaking Competition that was held on November 26-27, 2014 in Dubai. The presented project was supervised by Dr. Alaa Alhawari and Eng. Husam Sadek.

A total of 30 universities participated in this competition from different universities in the region.



Civil Engineering Students Achievement in the 9th International Conference on Managing Pavement Assets Competition

Congratulations to the students Munther Hamaidi, Anas Al Mushaddani, Ahmed Shalaby and Ali Al-Thani for winning the “Special Recognition Award,” in the 9th International Conference on Managing Pavement Assets Competition that was held on May 18-21, 2015 in Washington, D.C. The poster project was supervised by Dr. Okan Sirin & Eng. Husam Sadek. About 350 students from different universities in the world participated in this competition.



Site Visits

Civil Engineering students visited the Red Line South Doha Metro project (QDVC Office) on April 11, 2015. During the visit, students observed the work progress at the site. Students had the opportunity to link their class studies with field work.



Another site visit was conducted on May 3, 2015 by Civil Engineering students to the New College of Engineering Building Project being constructed at Qatar University. The visit was organized by the ASCE Student Chapter at QU.

Social Trip

The ASCE Student Chapter organized a social trip for Civil Engineering students to Al-Reem Area during the spring break.



Cosmo Oil Trip

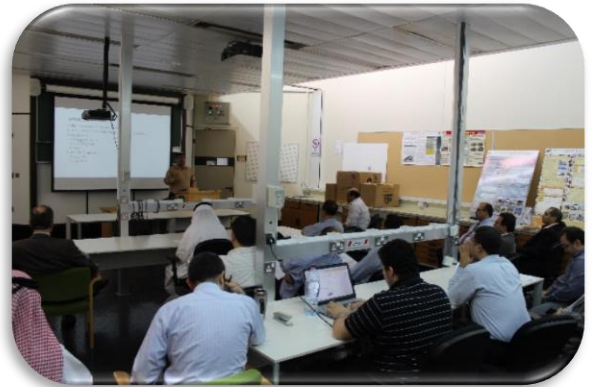
A group of Civil Engineering students participated with other students from the College of Engineering at QU in a cultural/educational Cosmo Oil Trip to Japan. Students visited different cities in Japan, including Tokyo and Yokohama, from January 20-30, 2015. Students also had the chance to visit Yokohama National University in addition to Toyota and Nissan factories.

The students who participated in this program include Hamad Alnuaimi, Abdulaziz Al-Qahoumi, Waleed Al-Hasan and Anas Al Mushaddani.



Guest Speakers

- Dr. Mohsin K. Siddiqui, Assistant Professor of Construction Engineering and Management Department at King Fahd University of Petroleum and Minerals (KFUPM), Dhahran, Saudi Arabia presented a seminar on March 23, 2015 entitled "Sensing for Construction Project Management."
- Dr. Karim AbdelWarith, a post-doctorate working in the department, presented a seminar on March 30, 2015 entitled "Sensing for Construction Project Management."
- Professor Jianzhuang Xiao, Director of Research Section of Recycled Concrete Structure & Construction in the College of Civil Engineering, Tongji University, China presented a seminar on March 31, 2015 entitled "Research and development of recycled aggregate concrete in China."



CAE Annual Retreat

Faculty members, TAs, and staff had a retreat on June 9, 2015 at the Intercontinental Hotel to review the current state of affairs of the department, and to formulate the departmental plan for the next two years.



Newly Approved NPRP Projects

NPRP: National Priorities Research Program-8th Cycle-(2014-2015)

The National Priorities Research Program (NPRP) is the flagship state funding program of the Qatar National Research Fund (QNRF). It is held annually to fund successful proposals and is intended to support the overarching goal of the QNRF, which is to foster research culture in Qatar. For this cycle, the department was awarded four research grants totaling about US\$ 3.6 million over a period of three years.



Project number: NPRP 8-1568-2-666

Project title: Spectral Band-structure Identification of Amplitude-dependent Viscoelastic Mechanical Metamaterials

LPI: Dr. Wael Alnahhal

Grant amount (US\$): 884,480.00

Collaborative institute: State University of New York – University at Buffalo

Project number: NPRP8-418-2-175

Project title: Guidelines for Enhancing the Performance of FRP-strengthened Concrete Beams under Fire and Harsh Environment Exposures

Co-LPI: Dr. Nasser Alnuaimi

Grant Amount (US\$): 898,750

Collaborative institutions: American University of Sharjah and Michigan State University

Project number: NPRP8-836-2-353

Project title: A Unified Approach to Vibration Serviceability Assessment of Floors

LPI: Dr. Onur Avci

Grant Amount (US\$): 899,996

Collaborative institutions: University of Exeter and University of Kentucky

Project number: NPRP8-594-2-244

Project title: Gas Production from Hydrate-Bearing Sediments

LPI: Dr. Riyadh Al-Raoush

Grant Amount (US\$): 899,978

Collaborative institutions: Louisiana State University, University of Tennessee at Knoxville and University of Texas at Austin

Services to Community and Outreach Programs

- Drs. Ramzi Taha and Okan Sirin were invited speakers at the “Aggregate Recycling Seminar” jointly organized by the department and Lafarge/Qatar Quarry. The seminar was held on March 29-30, 2015.
- Dr. Onur Avci was an invited speaker at World Stadium Conference, Doha, Qatar, May 2015.

- Dr. Ramzi Taha was an invited speaker at Materials Science and Engineering Symposium, Doha, Qatar, March 17, 2015.
- Dr. Murat Gunduz delivered a short course on “Construction Safety,” March 2015.

Congratulations

- Congratulations to Dr. Okan Sirin on his promotion to the rank of Associate Professor.
- Congratulations to Engineer Abdul Azeez Kilayil on his promotion to Senior Lab Technician.
- Congratulations to Dr. Hisham Eid and his master’s student, Abdelfattah Shehada, on winning Qatar’s University Best Thesis Award.
- Congratulations to Jamal Adel Hannun, our honors student in department. He was awarded the Best Academic Performance Award in the Honors Program in 2015.
- Sincere congratulations to Engineer Khaled Rabie on his marriage.
- Congratulations to Engineer Abdulrahman Abu-Hijleh on his engagement.



Civil Engineering Alumni

The department is interested in hearing about your news. Please e-mail us at civil@qu.edu.qa with your position, employer, office, mobile phone number, E-mail, and any of your good news that you would like to share with us.

Ramadan Kareem

May Allah accepts your fasting and brings peace, tranquility and prosperity to all.