

CCEE MONTHLY

The Department of Civil, Construction & Environmental Engineering



SAN DIEGO STATE
UNIVERSITY
Leadership Starts Here

COLLEGE OF ENGINEERING

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Structural



Geotechnical



Water



Transportation



Environmental



Construction

2015 is our ABET year. ABET stands for Accreditation Board for Engineering and Technology. Accreditation is of utmost importance of any program: it is independent proof of any program's quality and adherence to strict rules about students, program educational objectives, student outcomes, continuous improvement, curriculum, support and all the applicable program criteria. We are proud to have all three of our programs: CivE, ConE, and EnvE continuously accredited. Our next ABET visit will be in Fall 2015. We are diligently working on our Self Studies for all three programs as well as on course folders and outcome folders. In February 2015 we conducted an online survey of our constituents: interns, recent graduates, co-workers of our graduates, their supervisors and members of our CCEE Advisory Board. We used a website service called "Survey Monkey" to register all answers. For all three of our programs, we received the largest ever number of responses, proof of our excellent and very valued relations with the local industry. The results of all three surveys were also the best ever demonstrating that our continuous improvement efforts bring tangible results. On behalf of the entire CCEE Department, I want to use this opportunity to offer a very special THANK YOU to all survey respondents for your evaluation and all valuable, constructive comments. With your help, we will be able to present quality documents to ABET for the re-accreditation of our three programs.



– Dr. Janusz Supernak, Interim Chair

Upcoming Student Competitions:

*Our very own **GeoWall team** made it to the top 20 nationally and will be competing in San Antonio on March 18, 2015! Held by ASCE/GeoInstitute, GeoWall is a student competition in which students design a scale retaining wall. It is made of two types of paper and packaging tape to create a plywood box meant to hold hundreds of pounds of sand. The retaining wall has to hold this sand with loading conditions which vary year to year.

* Emerson Revolorio, **President of the ASCE student chapter**, informed the faculty that the group has been working hard on projects for the upcoming Pacific Southwest Conference which will be in Tucson AZ the week after spring break.

Need to see an Advisor?

Stop by our office at E-424 and check out the bulletin board next to the door. You will find which adviser has assigned to you for the semester and the hours of advising they have available to speak with you.

National Success of our Construction Engineering Students:

Our construction engineering students attended the ASC (Associated Schools of Construction) national competition in Reno, Nevada. SDSU **won first place in two categories:** electrical, and virtual design and construction! We also won **third place** in preconstruction services besting the frontrunners Cal Poly San Luis Obispo, Washington State University and Stanford University. You can review the news article here: http://newscenter.sdsu.edu/sdsu_newscenter/news.aspx?s=75435



CCEE Seminars Re-activated!

Dr. Alicia Kinoshita took the lead in organizing a series of CCEE seminars. The first one will be on March 10 at the Bioscience Center Auditorium from 11-12pm with a short reception until 12:30pm. The speaker is Tim Murphy from Rick Engineering on Land Development Engineering. Keep checking back for upcoming Seminars!

Additional Grants:

Dr. Natalie Mladenov does it again! She received a grant from the University of Colorado Boulder for "The Role of Dust on Snow and Other Aeolian Inputs in Soil Formation and Biogeochemical Cycling in Barren, Alpine Catchments" in the amount of \$49,400.

Clean Water Challenge:

Are you up to the challenge? Our **Dr. Natalie Mladenov** recently visited an elementary school with her Outreach Project and asked the kids to compete creating water filter designs. The kids loved the challenge, and so did the parents! Having the ability to design a filter for clean water is an important skill for the future. Wouldn't you like an opportunity to learn more? Visit her website <http://mladenov.weebly.com/>

Check out our Website:

We are in the process of updating our website: new content, new appearance, and our new monthly publications! Check back often for exciting announcements and updates on the department: ccee.sdsu.edu

Quote of the Month: *The will to win, the desire to succeed, the urge to reach your full potential....these are the keys that will unlock the door to personal excellence. -Confucius*