

CCEE MONTHLY

The Department of Civil, Construction, & Environmental Engineering



COLLEGE OF ENGINEERING

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Structural

Geotechnical

Water

Transportation

Environmental

Construction



Engineering Accreditation Commission

ABET Reaccreditation Results! This month, we had our evaluators from ABET arrive for their review visit, on October 11-13, 2015. ABET Review Scoring: Deficiency = 1 year to correct, Weakness = 2 years to correct, Concern = an issue that could become a problem and needs to be taken care of before the next accreditation. There were no deficiencies or weaknesses, and only a few concerns noted, and they will be resolved well before the next review will take place. We want to sincerely thank all of the students, Advisory Board members, faculty and staff, for all of their hard work, time, and dedication to making this review the most successful yet for our Department for all three programs! A special thank you from the Department to **Dr. Janusz Supernak** for his leadership as Interim Chair. His diligence on the Self Study reports and communication with the reviewers is the one of the reasons the review went so well. Accreditation: granted!

Associate Professor

Dr. Thais Alves was promoted to Associate Professor this Fall semester! As one of three Construction Engineering Professors in our Department, her contributions are crucial to the maintenance and development of our Construction Engineering program. She has accomplished so many wonderful things this year and we are very proud of her accomplishments. Great job, Dr. Alves!

MESA Sponsored: Clean Water Challenge

Dr. Natalie Mladenov presented and also trained several students for the outreach program at a local high school and middle school. The program is sponsored by MESA (Mathematics, Engineering, Science, Achievement) <http://mep.sdsu.edu/engineering/mep/> This outreach program shows students how to produce clean water with proper filtration systems.

Guest Speakers:

-Dr. Takis Mitropoulos was a guest speaker at the WOS-Smart Prevention for Sustainable Society conference in Portugal.



-Dr. Victor Miguel Ponce was the Keynote speaker at the Global Warming Research conference in Tampico, Mexico; where he also presented a paper on work he's been doing in Peru.



Advisory Board Member Spotlight

We would love to have an opportunity to introduce you to some of the wonderful individuals who support our CCEE Department here at SDSU. This month, we would like to feature one of our Advisory Board members: **Mr. Ivan R. Fox, PE.**



Mr. Fox works at **San Dieguito Engineering, Inc. (SDE)** as the current Principal Engineer and past president, which is a land planning, civil engineering, and surveying company. <http://www.sdeinc.com>



Ivan is founder and current principal engineer of **AirX Utility Surveyors**, an underground utility locating and mapping company. <http://www.airxus.com/>



Mr. Ivan Fox is a 2007 Monty Awardee, which is an award that honors alumni who have made significant contributions to SDSU, and the community. His expertise is in public sewer & water, site development, public & private roads and grading & drainage.

Ivan approached Dr. Craig, Dean of Engineering, in the early 1990's with the idea of an advisory board to establish a forum for educators and industry to communicate regarding the field of engineering. As a result, several engineering advisory boards were established. Ivan was Chairman of the Civil, Construction & Environmental Engineering Advisory Board for 15 years. He remains on the board as an active member today. Thank you for all you do, **Mr. Ivan Fox**, for CCEE SDSU!

GREW (Grants and Research Enterprise Writing) Fellowship

Dr. Sahar Ghanipoor-Machiani and **Dr. Xianfeng Yang** have both received this fellowship. The Fellowship program assists early career researchers in developing strategies to obtain grants and networking with funding agencies.



<https://newscenter.sdsu.edu/gra/grew.aspx>

Conferences and Publishing:

-Dr. Alicia Kinoshita and **Dr. Natalie Mladenov** attended a GREW trip to Washington, D.C. and got to visit NSF, NASA, EPA, and USGS.



-Dr. Sahar Ghanipoor-Machiani and **Dr. Xianfeng Yang** both attended and presented at the 7th Biennial Workshop on DSP for In-Vehicle Systems and Safety at Berkeley, CA, October 14-16, 2015. **Dr. Janusz Supernak** was invited to an international panel, and made a presentation as well. One of the workshop organizers is **Dr. Huseyin Abut**, Professor Emeritus, from SDSU's EE Department. Because of SDSU's strong presence at the workshop, it's 8th edition will be held at SDSU in 2017. **-Dr. Xianfeng Yang** also had 5 papers accepted by the 95th TRB (Transportation Research Board) annual meeting, which is held January 10-14, 2016 in Washington D.C.!

Quotes of the Month: Engineering is not merely knowing and being knowledgeable, like a walking encyclopedia; engineering is not merely analysis; engineering is not merely the possession of the capacity to get elegant solutions to non-existent engineering problems; engineering is practicing the art of the organizing forces of technological change ... Engineers operate at the interface between science and society. — Gordon Stanley Brown