

CCEE MONTHLY

The Department of Civil, Construction, & Environmental Engineering



COLLEGE OF ENGINEERING

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Structural

Geotechnical

Water

Transportation

Environmental

Construction

The Summer of Change is upon us! Many of our labs, which used to be housed in buildings that are now in the demolition stage, have moved. As the new Engineering/Interdisciplinary Buildings won't be completed for a few years, you may be wondering where all your favorite Professors labs are now located. Here is a quick list of the new locations: **Professor Fatih Buyuksonmez** moved from EL 107, 108, 109, 111 to Building A: A LOT 104/105; **Professor Temesgen Garoma** has moved from IT 103 to E422; **Professor Alicia Kinoshita**: (new) AH 4207; **Professor Natalie Mladenov**: (new) E-404; Environmental Teaching Labs (new): AH4141/4145/4146; and **Professor Tom Zink** has moved from EL 110D to Building A: A LOT 107A.

Accepted Articles

Dr. Natalie Mladenov has two articles that were recently accepted for publishing:

1. **N. Mladenov**, Y. Zheng, B. Simone, T. M. Bilinski, D. M. McKnight, D. Nemergut, K. A. Radloff, M. M. Rahman, and K. M. Ahmed. "Dissolved Organic Matter Quality in a Shallow Aquifer of Bangladesh: Implications for Arsenic Mobility" Environmental Science & Technology, accepted July 2015 <http://dx.doi.org/10.1021/acs.est.5b01962>
2. J. Rüegg, J. J. Eichmiller, **N. Mladenov**, and W. K. Dodds. "Dissolved organic carbon concentration and flux in prairie streams: spatial and temporal patterns and processes from long-term data." Biogeochemistry, accepted July 2015.



Durban, South Africa ENVE Trip

This month, **Dr. Mladenov** led a team of undergraduate and graduate students from San Diego State University and Cal Poly Pomona (CPP) University in a NSF-funded International Research Experience for Students (IRES) project to investigate sustainable water reuse technologies in **Durban, South Africa**.

Dr. Mladenov and SDSU students in Environmental Engineering, **Federick Pinongcos** and **Heather Tegley** (undergraduates) and **Amy Bigelow** (graduate student), worked with CPP students and faculty and **University of KwaZulu-Natal** researchers to evaluate the performance of anaerobic wastewater treatment systems that produced water for agricultural applications in developing communities. The team submitted two papers on their research to the 2016 Water Institute of Southern Africa Conference. This research experience will be open to a new cohort of SDSU and CPP students in the summers of 2016 and 2017.



Outstanding Graduate Feature

For the July and August Newsletter we will highlight our 2015 Outstanding Graduates. Selection of the Outstanding Graduate is done by vote of the CCEE faculty. This month, we feature **Tanner Verhoeks**, who graduated with a 4.0 GPA and was the project manager of his capstone team. Please help us congratulate him on his achievements! Read his biography about his education here:

<http://ccee.sdsu.edu/cceecurrentevents.php>



Pictured: **Tanner Verhoeks** together with the Outstanding Faculty award winner **Professor Zink**. Announcement at the Commencement is made by the Dean of Engineering, **Dr. Morteza Mehrabadi**

Assistant Professor Position

The Department of Civil, Construction and Environmental Engineering (Department) at San Diego State University (SDSU) seeks to fill a tenure-track position at the Assistant professor level in the area of environmental engineering starting August 2016. Applicants must apply via Interfolio at <http://apply.interfolio.com/30514> or you can find more information on our website at: <http://ccee.sdsu.edu/cceecurrentevents.php>

Quote of the Month: "An optimist will tell you the glass is half-full; the pessimist, half-empty; and the engineer will tell you the glass is twice the size it needs to be." – Oscar Wilde