

University of South Florida

DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING

MEET OUR FACULTY



Maya Trotz, PhD

Dr. Maya Trotz is the PI on a highly competitive five-year \$2.5 million NSF research grant. This project continues her success at leading large interdisciplinary research partnerships in innovative research areas in the Tampa Bay area and the Caribbean.



Daniel Yeh, PhD

Dr. Daniel Yeh received a 2-year \$1.14M grant from the Bill & Melinda Gates Foundation (BMGF) to improve and field test the NEWgenerator water recycling machine in Durban, South Africa.



Andres Tejada-Martinez, PhD

Dr. Tejada-Martinez has been awarded a \$1M grant from the Gulf of Mexico Research Initiative (GoMRI) for a project titled “Turbulent Vertical Mixing and the Formation of Oil Particle Aggregates (OPAs): LES, Measurements and Modeling.”



Jim Mihelcic, PhD

Dr. James Mihelcic received the Excellence in Environmental Engineering and Science Education (E4) award from American Academy of Environmental Engineers and Scientists.



Sarina Egras, PhD

Dr. Sarina Ergas was selected as a 2017 Fellow of the Association of Environmental Engineering and Science Professors (AEESP).

We have had another remarkable year with our environmental sustainability and computational fluid dynamics faculty securing three major federal grants. Yuan Wang, Trans. Systems Ph.D. student has won a prestigious research award presented by TRB Airport Cooperative Research Program to work with Dr. Yu Zhang, Associate Professor of Transportation Engr. on 'Impacts of Automated Vehicles to Airport Landside Terminal Planning, Design, and Operation.'



Manjriker Gunaratne, PhD, PE

Professor and Chairman

In other news, USF teams finished 1st and 2nd in the southeast in the international design-built-test Big Beam Contest sponsored by Florida Concrete Product Association and Standard Concrete Products Association. USF was the only university to have both teams finishing in the top seven. This project is part of the graduate prestressed design course offered by Dr. Rajan Sen, Professor of Structural Engineering.

Dr. Xiaopeng (Shaw) Li, Assistant of Transportation Engr., has been appointed the Susan A. Bracken Faculty Fellow.

With a steadily growing graduate program and a high research profile, we are eagerly waiting to be part of one of Florida's three preeminent universities in 2018.

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