

**Environmental & Water Resources Engineering (EWRE) Seminar**  
**Department of Civil & Environmental Engineering, University of South Florida**  
**Fridays 12:30-1:20 pm ENG 4**

<b>Date</b>	<b>Speaker</b>	<b>Title</b>
1/13	EWRE Faculty	<i>Faculty Research Forum</i>
1/20	Kebreab Ghebremichael, Assistant Professor, Global Sustainability USF	<i>Indigenous Materials for Small Water Treatment Applications - the Case Of Moringa</i>
1/27	Jie Zhang, Postdoctoral Researcher Civil & Environmental Engineering USF	<i>Novel Applications of Computational Fluid Dynamics in Environmental Engineering</i>
2/3	Jason Rohr, Associate Professor Integrative Biology, USF	<i>The Impacts of Feeding 9 Billion People on the Risk of Human Schistosomiasis, a Water-borne Neglected Tropical Disease</i>
2/10	Deanna Hamilton, Senior Civil Engineer MWH now part of Stantec	<i>Building an Airplane While Flying : Integrated Planning for City of Akron</i>
2/17	Meng Wang, Research Associate Civil & Environmental Engineering USF IDR Suite 200	<i>Nutrient Management &amp; Bioenergy Production from Anaerobic Digestion</i>
2/24	William Mitsch Director, Everglades Wetland Research Park Seminar in CMC 147	<i>Phosphorus &amp; Nitrogen &amp; Carbon, OH MY! The Role of Wetlands in Mitigating Pollutants in Our Landscape and Globe</i>
3/3	Timothy Ware Environmental Engineer, Arcadis	<i>Engineering from an Operators Perspective: A lessons learned review of designs that didn't take the end user into account</i>
3/10	Karl Payne and Christine Prouty, Civil & Environmental Engineering USF	<i>Mathematical modeling of enhanced nitrogen removal in hybrid ion exchange and biological treatment systems &amp; Increasing the Adoption and Sustainability of Wastewater-based Resource Recovery Systems: a System Dynamics Approach for Determining Appropriate Strategies</i>
3/17	<i>No Seminar Spring Break</i>	
3/24	Haydee De Clippeleir, Research Program Manager, DC Water	<i>Unraveling the Mysteries of Mainstream Short-Cut Nitrogen Removal Processes: From Fundamentals to Application</i>
3/31	Youneng Tang and Gang Chen Civil & Environmental Engineering FAMU-FSU	<i>Microbial Fuel Cells for Selenium Recovery and Biodegradation of 1,4-dioxane</i>
4/7	Joel Ducoste Civil, Construction, and Environmental Engineering, North Carolina State University	<i>Holy Dish Pan Hands Batman, we got Soaps in our Sewers: A Review of Fats, Oil and Grease issues in our Collection System</i>
4/14	Marcos von Sperling, Professor Environmental Engineering, Federal University of Minas Gerais Seminar in CMC 147	<i>Challenges &amp; Technological Options for Wastewater Treatment in a Developing Country (Brazil)</i>
4/21	Yaning Yang, Environmental Engineer, GHD	<i>TBA</i>
4/28	<i>University Reading Day, no seminar scheduled at this time</i>	