

## Environmental and Water Resources Engineering Seminar Series Fall 2018

Wednesdays, 12 – 12:50 PM  
Engineering Hall (new engineering building), 1637 W. Wisconsin Ave., Milwaukee, WI, Room 236

**Professional development hours (PDHs).** PDHs will be recorded and an email documenting attendance will be sent to attendees to use towards their Wisconsin Professional Engineer's license. Each seminar presentation is equivalent to one PDH. It is the responsibility of the PE to retain all records.

Date	Speaker	Tentative Title
<b>August</b>		
8/29	MU water research group meeting	Introductions
<b>September</b>		
9/5	Erick Shambarger, Environmental Sustainability Director in Milwaukee's Environmental Collaboration Office	Towards a world class eco city: Milwaukee's action on environmental sustainability
9/12	<i>No Seminar – Anaerobic Digestion Short Course</i>	--
9/19	Andrea Hicks, Asst. Prof., University of Wisconsin	Life cycle environmental impacts of nanotechnology
9/26	Jun-Jie Zhu, Adj. Asst. Prof., Illinois Institute of Technology	Advancing wastewater treatment processes: Thinking about resilience and soft sensors
<b>October</b>		
10/3	David Krabbenhoft, Research Scientist, USGS	Recent advances in environmental mercury research: Changes in perceptions and conceptual models
10/10	Carolyn Voter, PhD student, University of Wisconsin	Low-impact practices in residential areas: how interactions among practices and with climate alter urban hydrology
10/17	<i>No Seminar</i>	--
10/24	<i>No Seminar – Emerging Contaminants Short Course</i>	--
10/31	Donald Ryan, MS student, Marquette University	Impact of electrocoagulation pretreatment on the removal of trace organic compounds via electrooxidation
<b>November</b>		
11/7	Daisuke Minakata, Asst. Prof., Michigan Tech.	Understanding and predicting the fate of organic compound degradation in UV-based advanced oxidation processes
11/14	Kyle Bibby, Assoc. Prof., University of Notre Dame	Developing cross-assembly phage as a viral fecal indicator
11/21	<i>No Seminar – Thanksgiving Break</i>	--
11/28	Faten Hussein, PhD student, Marquette University	Cell surface display of phosphate binding protein for potential phosphorous removal and recovery