

Marquette University  
Department of Civil, Construction and Environmental Engineering

## **Environmental and Water Resources Engineering Seminar Series Fall 2023**

Wednesdays, 12 – 12:50 PM  
Engineering Hall Room 136, 1637 W. Wisconsin Ave., Milwaukee, WI

All seminars are scheduled to be in-person, with an option to join virtually (modality is subject to change)

**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.

---

**Sept. 6**

***Organizational factors in the adoption of innovation:  
obstacles and pathways for urine diversion systems***

[Click here to join the meeting](#)

Anna-Maria Marshall, J.D., Ph.D.  
Professor  
Sociology, College of Law  
University of Illinois, Urbana-Champaign

---

**Sept. 20**

***Tentative title: The history of wastewater***

[Click here to join the meeting](#)

Bill Barber, Ph.D.  
Technical Director  
Cambi

---

**Oct 4**

***Final barrier water treatment devices that remove PFAS***

[Click here to join the meeting](#)

Eric Yeggy  
Technical Affairs Director  
Water Quality Association

---

**Oct. 11**

***How and why rivers dry: Long-term change and behavior in non-perennial streams***

[Click here to join the meeting](#)

Margaret Zimmer, Ph.D.  
US Geological Survey

---

Marquette University  
Department of Civil, Construction and Environmental Engineering

**Oct. 12, 11 am - noon in EH 236 (Special Thursday seminar date and time)**

***Tentative title***

[Click here to join the meeting](#)

Kaushik Venkiteshwaran, Ph.D.  
Civil, Coastal, and Environmental Engineering  
University of South Alabama

---

**Oct. 18**

***Changing the paradigm of watershed-scale water quality modeling in the age of machine learning***

[Click here to join the meeting](#)

Rebecca Muenich, Ph.D.  
Associate Professor  
Biological & Agricultural Engineering  
University of Arkansas

---

**Oct. 25**

***The Joy of Poo: The stuff you can do at the other end of the pipes***

[Click here to join the meeting](#)

Persephone Ma, Ph.D., Environmental Engineer, Brown and Caldwell  
&  
Theresa Johnston, Ph.D., Senior Environmental Soil Scientist, Metropolitan Water Reclamation  
District of Greater Chicago

---

**Nov. 8**

***Challenges in virus inactivation for direct potable water reuse***

[Click here to join the meeting](#)

Samantha Juedemann  
Ph.D. student  
Civil, Construction and Environmental Engineering  
Marquette University

---

**Nov. 15**

***Enhancing wastewater anaerobic digestion using microbial descriptors and conductive media***

[Click here to join the meeting](#)

Antonio Martins  
Ph.D. student  
Civil, Construction and Environmental Engineering  
Marquette University