

Marquette University
Department of Civil, Construction and Environmental Engineering

Environmental and Water Resources Engineering Seminar Series Spring 2024

Wednesdays, 12 – 12:50 PM
Engineering Hall Room 236, 1637 W. Wisconsin Ave., Milwaukee, WI

Seminars will be held in a hybrid format, with a virtual Teams link available.

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.

February 14

Large-scale flood inundation mapping powered by deep learning: operational framework and validation

[Click here to join the meeting](#)

Assaad Mrad, PhD
Team Lead, Data Science & Engineering
Stantec

February 21

Using Oil and Gas Production Water as a Strategic Resource

[Click here to join the meeting](#)

Mark Krzmarzick, PhD
Associate Professor
Civil and Environmental Engineering
Oklahoma State University

February 28

Indoor air quality and health: observations, interventions, and speculations

[Click here to join the meeting](#)

Brent Stephens, PhD
Professor and Department Chair
Arthur W. Hill Endowed Chair in Sustainability
Department of Civil, Architectural, and Environmental Engineering
Illinois Institute of Technology

March 6

***Electrocoagulation Peroxidation for PFAS Removal from Drinking Water Sources –
Feasibilities and Challenges***

[Click here to join the meeting](#)

Han Meng
Department of Civil, Construction, and Environmental Engineering
Marquette University

March 20

Title TBD

[Click here to join the meeting](#)

Anthony Bowman
Marquette University

March 27

From Waste to Wealth and Health: Current and Great Lakes ReNEW

[Click here to join the meeting](#)

Alaina Harkness
Executive Director
Current Water

April 3

Electrochemical degradation of PFAS using boron-doped diamond electrodes

[Click here to join the meeting](#)

Melvin Samuel Jayakumar
Department of Civil, Construction, and Environmental Engineering
Marquette University

Marquette University
Department of Civil, Construction and Environmental Engineering

April 24

Operational Water Research and Development for Military and Civil Works Applications

[Click here to join the meeting](#)

Martin Page, PhD
Operational Water Research Team Leader
Engineer Research and Development Center
U.S. Army Corps of Engineers
