

Marquette University  
Department of Civil, Construction and Environmental Engineering

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

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

### **Feb 8<sup>th</sup>**

Lauryn Spearing, Assistant Professor, Civil, Materials, and Environmental Engineering,  
University of Illinois Chicago  
*Sociotechnical Water Challenges: Ensuring Water Access during Uncertain Operating Contexts*

### **Feb 15<sup>th</sup>**

Allison Madison, Program Manager,  
Wisconsin Salt Wise  
*The Ecosystem Impacts of Road Salt Use*

### **Mar 8<sup>th</sup>**

Shiqiang Zou, Assistant Professor, Department of Civil and Environmental Engineering,  
Auburn University  
*Harnessing electric driving force to recover NEW resources from wastewater.*

### **Mar 22<sup>nd</sup>**

Isabelle Horvath, PhD Candidate, Civil Construction and Environmental Engineering,  
Marquette University  
*Urban Water Quality Management: Understanding the Socioeconomic Distribution of Stream Degradation, and the Influence of Climate on BMP Performance*

### **Mar 29<sup>th</sup>**

Brittany Trang, Sharon Begley Science Reporting Fellow  
STAT  
*Low-temperature Mineralization of Perfluorocarboxylic Acids*

### **April 19<sup>th</sup>**

Charitha Gunawardana, PhD Candidate, Civil Construction and Environmental Engineering,  
Marquette University  
*Data-Informed Hydrology: Watersheds, Green Infrastructures, & Real-Time Controls*

### **April 26<sup>th</sup>**

Bill Arnold, Distinguished McKnight University Professor, and Joseph T. and Rose S. Ling  
Professor, Department of Civil, Environmental, and Geo- Engineering,  
University of Minnesota  
*Fluorine beyond PFAS: Tracking fluorine during photolysis of fluorinated pesticides and pharmaceuticals*