



Graduate Seminar

Yiming Su, PhD

Assistant Professor

Civil and Environmental Engineering Department

Utah State University

November 11, 2024 (4:00 pm - 5:30 pm), Kupfrian Hall - Room 205

[Zoom Link: Click Here](#) Meeting ID: 994 3917 6432 Passcode: 058807

Nanoparticles in Environment, Engineered Systems, and Agriculture

Abstract

Nanoparticles, designed and fabricated on purpose (e.g., nanofertilizers) or generated from natural processes (e.g., nanoplastics), have different applications and implications on environment and agriculture. This presentation will cover following topics: how to make nanoparticles, how to detect nanoparticles in the environment, how to remove nanoparticles in an engineered system, how to utilize nanoparticles for sustainable agriculture.

About the Speaker

Yiming Su is a faculty member in the Civil and Environmental Engineering Department, Utah State University. He joined USU Fall 2022, and before that he was a postdoc at University of California, Los Angeles. His research mainly focuses on environmental application and implications of nanotechnology, and the topics that his group are currently working on include nanoplastic, nanofertilizer / nanopesticide, Per- and Polyfluoroalkyl Substances (PFAS).

