

Back due to popular demand!

CCE 44300

Introductory Environmental Fluid Mechanics

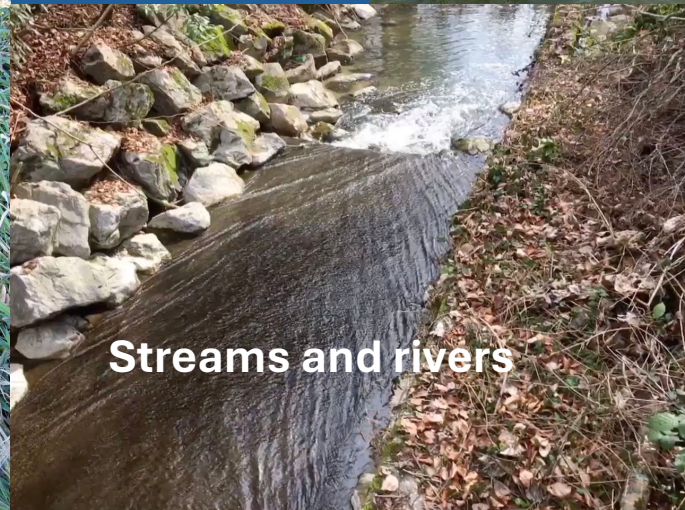
Fall 2026, MWF 12:30-1:20

Prof. Cary Troy (Hydraulics and Hydrology)

***This course is 100%
Certified***



Wetlands



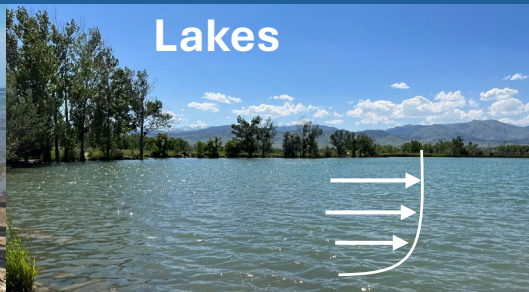
Streams and rivers

This course examines the dynamics of natural fluid flows through an engineering lens

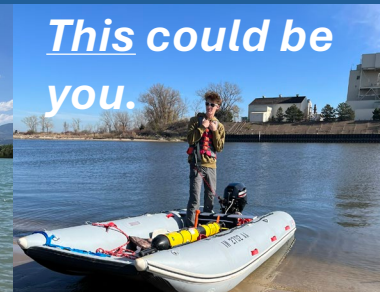
- **Model a lake as it moves and mixes in response to wind and weather**
- **Design wind and water turbines to extract energy**
- **Measure currents, waves, and turbulence using acoustic velocimeters**
- **Visualize the mixing and dispersion of ocean desalination effluent**
- **Apply concepts and equations to engineer the natural world around you**



Oceans



Lakes



***This could be
you.***

Email questions to Prof. Troy - troy@purdue.edu