



# MECHENG 5194 – Hydropower Systems New Online Technical Elective in AU20

## Learn about:

- Hydropower industry as a whole: Hydro turbines including novel systems, dam structures, licensing, environmental impacts
- Comparing a variety of energy sources on economic and environmental aspects

## Acquire a deep understanding by:

- Performing research and presenting it to your classmates through videos
- Working on case study reports, individually and in groups



- **Instructor:** Dr. Clarissa Belloni, belloni.5@osu.edu
- **Target audience:** Senior UG and graduate students of Mechanical, Aerospace, Civil, and Environmental Engineering
- **Mode:** Online, asynchronous, with 2 required interactions per week;
- **Enrolling:** Applications category, 3Cr, Course number 34528/9, listed as “Group Studies”
- **Prerequisite course:** Fluid Mechanics, e.g. ME3503, ME3500, CIVIL3130, AE3560, or permission of instructor

