

Ocean/Water Resources



Overview

The Civil and Environmental Engineering Department at the University of Houston offers advanced study in water resources and ocean engineering at the graduate level. Research in this area focuses on the study of natural environmental flows and includes such areas as, coastal and river hydrodynamics, contaminant transport in surface and subsurface flows, hydrology and computational hydrosciences, sediment transport, urban water resources and planning, water quality, and wave mechanics. Research teams of students and faculty engage in fundamental and applied interdisciplinary research, and use a combination of numerical, laboratory, and field experiments in their investigations.

- [UH Hydraulics Laboratory](#)

Course work in the program covers a broad range of topics that are aimed at giving students the fundamental tools needed for conducting scientific research and practical engineering. Degrees are offered at the Master of Civil Engineering ([MCE](#)), Masters of Science ([MSCE](#)), and Doctorate of Philosophy ([PHD](#)) levels.

Faculty

- [Hanadi Rifai](#)
- [Jerry Rogers](#)
- [Keh-Han Wang](#)