New Course:
Environmental Fluid Mechanics

Details
- Open to undergraduate (OCEN 489) and graduate (OCEN 689) students in Civil or Ocean Engineering
- Undergraduate course counts as senior-level technical elective
- Pre-requisite is CVEN 311 or equivalent

Topics
- A first course in Environmental Fluid Mechanics
- Introduction to fluid and mass transport in naturally occurring flows
- Molecular and turbulent diffusion and dispersion
- River, estuary, and ocean mixing
dissolution boundary layers
- Tidal mixing
- Design of offshore wastewater outfalls
- Introduction to environmental quality modeling

OCEN 489/689
Sp Top Mixing Trans Procs

For more information, please visit:
http://ceprofs.civil.tamu.edu/ssocolofsky/OCENx89/