

# CEE 8510: Groundwater Hydrology

The occurrence and movement of water in the subsurface portion of the hydrologic cycle. Darcy's Law and flow equations for surficial aquifers, confined aquifers, and the unsaturated zone. Pump tests for the determination of conductivity and storage. Seawater intrusion, sustainable yields, land subsidence, streamflow depletions and groundwater contamination.

**Credits:** 3.0