Engr 637: Groundwater Modeling

SCHOOL OF ENGINEERING

Analysis and synthesis of hydrology problems. Conceptual modeling process, parameter estimation, model validation and model prediction. Mathematical models for steady and transient flow and transport. Applications to well hydraulics, water supply, regional flow, recharge and infiltration, subsidence, sea water intrusion, surface water/groundwater interaction, groundwater pollution and geotechnical problems. Case studies.

3 Credits

Instruction Type(s)

- Lecture: Lecture for Engr 637

Subject Areas

- Geotechnical and Geoenvironmental Engineering
- Geological/Geophysical Engineering

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.