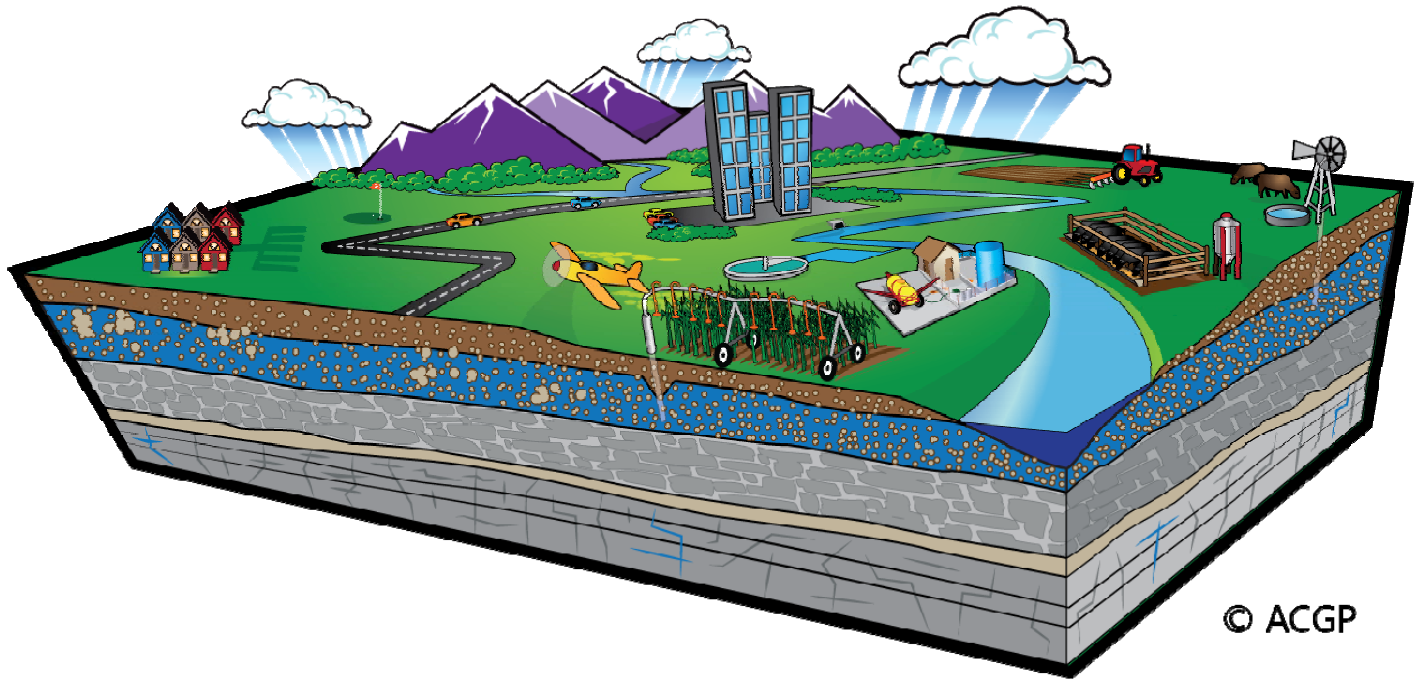




Fall 2019 Course Announcement

# CVEN-5334 Groundwater Hydrology



[https://erams.com/co\\_groundwater/](https://erams.com/co_groundwater/) 2/28/2019

Water supply. Superfund cleanup. Geothermal energy. Hydraulic fracturing. And more. What do these have in common? Groundwater: Crucial in Colorado, crucial worldwide:

- **Water:** 99% of the world's liquid fresh water is groundwater.
- **Environment:** 85% of Superfund sites have contaminated groundwater.

This course places groundwater in the context of the hydrologic cycle, then covers water flow in aquifers, well hydraulics, and subsurface contaminant transport.

*Who should take this class?*

Graduate students in hydrologic and hydraulic engineering, environmental and sustainability engineering, or environmental sciences. Undergraduate civil engineers may take this course as a technical elective after earning an A or B in CVEN-3313.

**Instructor:** David C. Mays, P.E. Ph.D. ([david.mays@ucdenver.edu](mailto:david.mays@ucdenver.edu))

**Schedule:** Monday and Wednesday, 5:00-6:15 pm, starting 8/19/2019

**Textbook:** Fitts (2013), *Groundwater Science*, 2<sup>nd</sup> edition, ISBN 978-0-1-2384705-8

**Register:** Current students → <http://www.ucdenver.edu/UCDAccess>  
Prospective students → [www.ucdenver.edu/admissions/Non-Degree](http://www.ucdenver.edu/admissions/Non-Degree)