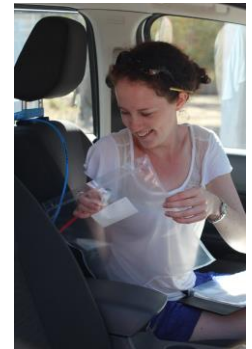


GEOS3733 / GEOS6733
ENVIRONMENTAL GEOPHYSICS
20-24 JULY 2015



NEW! COURSE NOW RUNS EVERY YEAR! NEW VENUE FOR 2015!

Read the blog about the 2014 course at <http://www.unswgeosoc.com/blog/exploring-wellington-caves>

This 6 unit of credit course is run as a 5-day field course, during O-week, at the Wombeyan Caves, NSW. Each day, you will be given short lectures on the theory behind various environmental geophysical methods used in the analysis of air, water, soil, vegetation or the subsurface. This will be followed by field measurements to enable everyone to get hands-on experience of geophysical techniques.

Methods covered will include a selection of the following environmental geophysical techniques, depending on instrument availability:

- time-domain reflectometry measurements of soil water content;
- infra-red measurements of soil carbon dioxide concentrations;
- x-ray fluorescence analysis of soil mineral properties;
- optical geophysics and organic water quality;
- cavity-ringdown and off-axis mass spectrometry of gases.

This course aims to provide each student skills required in research and consulting environments in hydrology, hydrogeology, climatology and environment sciences. The course will cost \$300 (this is all inclusive, including travel, food and accommodation). Numbers are capped to 40. Enrolment is open now! First in, best dressed.

Questions: please e-mail course convenor Andy Baker on a.baker@unsw.edu.au