

CAPITAL AREA MASTER NATURALISTS (CAMN) 2019 CLASS
Geology and Soils
January 12, 2019

Google Map: <https://www.google.com/maps/@30.339045,-98.1430267,17z>

<https://westcave.org/>

Classroom Lat/Long: 30.185918, -97.873394

Classroom is located South side of the Visitors Center. Carpooling recommended

9:00-9:15 Arrive at Westcave Preserve; Check-in, Snacks, Social time

9:15 – 9:30 Welcome and overview of the day's activities – Jacob Eickstead, CAMN
Introduction to West Cave Preserve

9:30 – 10:30 Geology Intro - Powerpoint & discussion – Nico Hauwert, Geologist, Senior Hydrogeologist, City of Austin

10:30 – 10:45 BREAK

10:45 – 11:30 Soils Intro – Powerpoint & discussion – Jacob Eickstead, Vegetation Specialist, Texas Department Transportation

11:30 – 12:00 Hands-on exercises – geology specimens / soil samples / APPs and Internet Resources

12:00 – 12:45 LUNCH

12:45 -1:00 Caroline Taylor Introduction to CAMN committee for Diversity, Equity and Inclusion

1:00 – 3:00 Outdoors: Geology / Soils walk about – look at Geology; visit grotto; discuss soils & vegetation, etc. – Nico Hauwert, Jacob Eickstead,

3:00 –3:15 Break / return to classroom

3:15 – 3:30 Discussion, wrap-up, reminders, and closing remarks

Reminders

Familiarize yourself with the Geology and Soils of Texas chapter in the class materials.

Bring lunch, mug for coffee/tea, water bottle, pen or pencil and paper for taking notes.

If you have them, bring: hand lens (loupe) and camera.

If you have a soil you'd like to examine or mineral/rock sample you'd like identified, please bring it to class (around 1-2 cups of soil would be sufficient).

Dress for the weather and wear comfortable boots/shoes. We may be spending close to 3 hours outside.

There will be the opportunity to enter a cave at the Wildflower Center – wear clothes that can get dirty.

Contact Information Jacob Eickstead, Geology and Soils Class Coordinator – eicksteadj@gmail.com; cell: 210-289-5735

