

# Association of Environmental and Engineering Geologists

## AEG Texas Section Fall Meeting and Field Trip October 18, 2008



# Government Canyon State Natural Area

**Where:** Government Canyon State Natural Area (GCSNA) is an approximately 8,622-acre area in Bexar County, just outside San Antonio. The State Natural Area was purchased by Texas Parks and Wildlife Department in 1993, in cooperation with Edwards Aquifer Authority (formerly Edwards Underground Water District), San Antonio Water System, the Trust for Public Land and the federal government Land and Water Conservation Fund. The park opened to the public on October 15th, 2005.

**Who:** John Hoyt of Edwards Aquifer Authority and Ed Miller of GeoCam will lead the meeting and field trip.

George FitzGerald will give a 1-hour ethics talk that will satisfy the Texas Board of Professional Geologists continuing education requirements.

**What:** Topics to be discussed include:

- A demonstrated case of Trinity Aquifer/Edwards Aquifer connection; and
- A discussion of Edwards Aquifer water balance questions and projects being conducted to address those questions.
- Geoscience ethics



After an introduction to the GCSNA, we will take a walking tour. Topics for the hike include:

- Area stratigraphy and units exposed at GCSNA;
- Area geologic structure and structural expressions at GCSNA;
- Relationship between geologic structure and groundwater resources;
- Groundwater resources of GCSNA; and
- Range management research and related hydrologic data collection at GCSNA.

**The Fine Print:** Note that on the walking tour and during our entire time in the GCSNA, we must all follow park rules, which include staying on marked trails. No rock hammers are allowed. Please be advised that you should be in a condition to comfortably walk about two miles on park trails to participate in the walking tour.

**When: Saturday, October 18, 2008**

8:00 AM GCSNA Gate Opens  
8:00 AM Registration at Park Pavilion  
9:00 AM Meeting and Field Trip Begin  
Detailed schedule to be sent via email before October 18<sup>th</sup> meeting date.

**Member Fee:** \$35 per person  
(Family receive member rate as well.)

**Non-Member Fee:** \$50 per person

**Students:** \$15. SPONSORS WELCOME!!

**Registration Fee includes:** Lunch and presentation materials.

AEG accepts check or cash day of meeting.

Attendees are responsible for a \$3 entry fee for GCSNA. Mention that you are attending the AEG meeting to receive the discounted rate.

**Hotel:** Nearest hotels at 1604 and Bandera Rd. (Hwy 16). Quality Inn (210.372.9079) or Motel 6 (210.695.6616). Prices range from \$90-110.

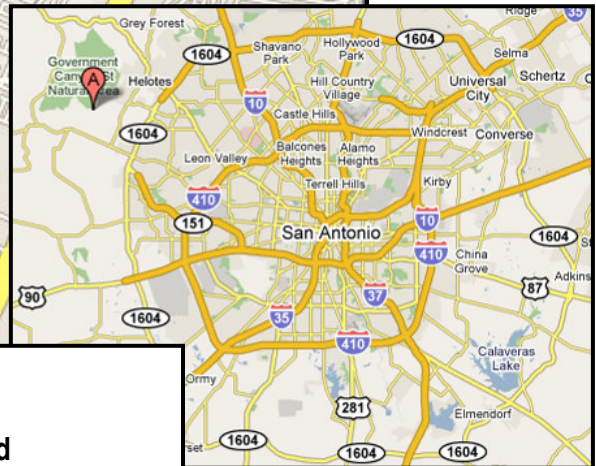
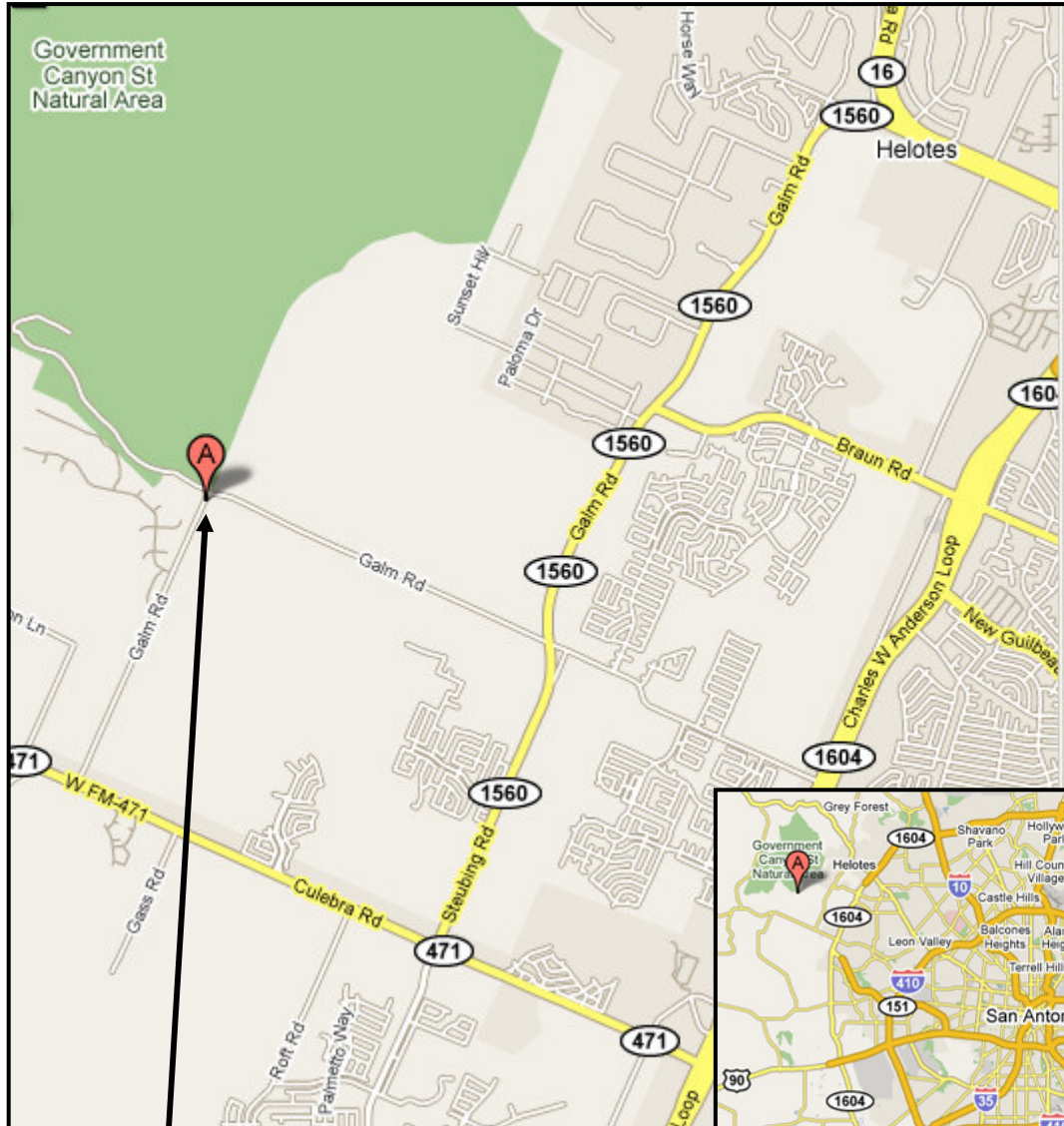
**RSVP:** Please RSVP to Jerry McCalip at [jmccalip@mccalipandcompany.com](mailto:jmccalip@mccalipandcompany.com) or 972-919-6186.

**Park Web Site:**

[http://www.tpwd.state.tx.us/spdest/findadest/parks/government\\_canyon/](http://www.tpwd.state.tx.us/spdest/findadest/parks/government_canyon/)

**Park map:**

[http://www.tpwd.state.tx.us/publications/pwdpubs/media/park\\_maps/pwd\\_mp\\_p4505\\_165c.pdf](http://www.tpwd.state.tx.us/publications/pwdpubs/media/park_maps/pwd_mp_p4505_165c.pdf)



**Enter GCSNA from Galm Road.**  
**From Loop 1604:**  
**From north:** Turn Right on Braun Rd, Left on Galm Rd  
**From south:** Turn Left on Culebra Rd / FM 471, Right on Galm Rd