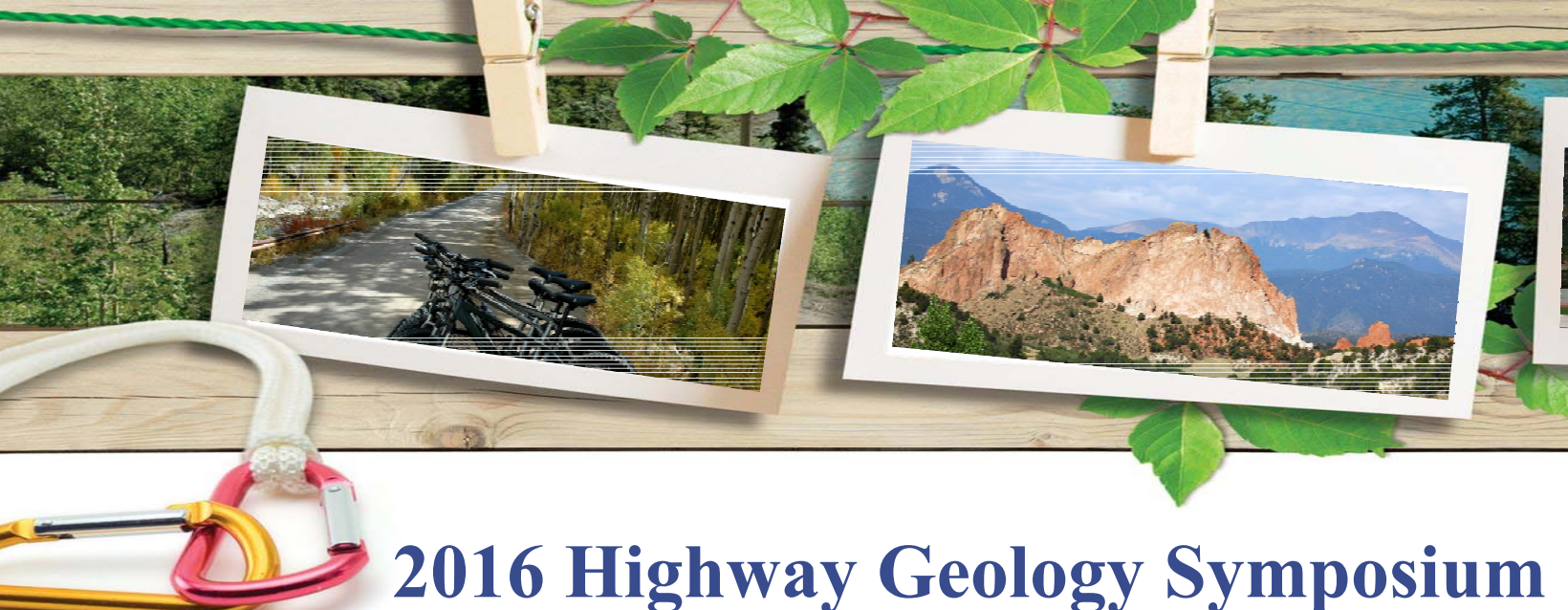


HGS 2016 Registration Brochure



Colorado Springs
July 11-14, 2016

www.highwaygeologysymposium.org



2016 Highway Geology Symposium

The 2016 Highway Geology Symposium will be held at the beautiful Cheyenne Mountain Resort in Colorado Springs. The Highway Geology Symposium was organized in 1950 to foster better understanding and closer cooperation between geologists and civil engineers in the highway industry. Since 1962, the Symposium has been hosted in western and eastern states on alternating years.

The 2016 Highway Geology Symposium Planning Committee Chair is Ty Ortiz with Colorado Department of Transportation. The Committee consists of local and national volunteers from various companies and agencies. 2016 will be the 67th Highway Geology Symposium.

Conference Registration

Full Conference Registration includes: HGS Technical Sessions, Thumb Drive of Proceedings, Refreshment Breaks, Monday Icebreaker, Tuesday Lunch, Wednesday Field Trip with Lunch, Banquet and Registration Gift. Guests must register for Full Registration if they wish to attend the sessions.

In addition, there are a number of additional events—both educational and just plain fun!

Geology Field Trip

The Highway Geology Symposium field trip in 2016 will be in an urban setting along the western edge of Colorado Springs and around Manitou Springs. The western city limits are located along the Ute Pass and Rampart Range faults that delineate the Plains physiographic province from the Front Range Mountain province. Unlike other cities along the Front Range Urban Corridor, Colorado Springs is a “plains” city with a lot of “mountain” problems.

Steeply dipping bedrock is the norm along the mountain range front and east-dipping ridges, hogbacks, and fins and spires of vertically rotated strata will be observed, as well as dip-slip rockslides and landslides when formation dip direction approximates slope aspect. Our first stop is at the Pikeview Quarry where the quarry face has failed along the Rampart Range fault. Another major field trip stop will be at the Garden of Gods Visitor Center, which contains a breathtaking vista of the park’s vertical rock formations set against a backdrop of Pikes Peak (EL. 14,115’). The visitor center also contains several geology and nature exhibits that can be visited before we drive through the park.

After lunch at the Phantom Canyon Brewing Company, we will head west on Highway 24 into the foothills. Colorado Spring’s proximity to the mountains has also brought keen focus on wildfire hazards. The Waldo Canyon wildfire of June 2012 entered the city limits and burned out several neighborhoods. Entire hydrologic basins were denuded by the huge 18,250-acre fire so significant flash floods and debris flows occurred afterwards. The afternoon stops will observe rockfall and debris flow mitigation, post-flooding highway embankment repair, and a nonconformity in the rock records that spans 1.3 billion years.



Pikeview Quarry

Hotel Information

The Symposium will be held at the Cheyenne Mountain Resort, Colorado Springs, CO. The group rate is \$179 per night (plus tax and resort fee). **Attendees can make reservations by phone (800) 588-0250.** Be sure to mention you are with the *Highway Geology Symposium*.

Colorado Luau

Put on your most colorful Hawaiian shirt and join us for a relaxing evening on the beach with great food, music, beach games and great company.



The Luau will be at the Resort on the beach by their private lake, so no bus rides or long lines—just great fun!

Guest Tour

Attendee guests are invited to enjoy a leisurely day of site seeing, lunch, shopping and a wine tasting. Tour guests will visit the US Air Force Chapel (see postcard on page 3), a must see when in Colorado Springs. They will then tour Manitou Springs shops and have lunch before a wine tasting of Colorado wines.

TRB Session

TRB is also sponsoring a half day session **Geological Modeling: Methods and Methodologies** on July 11th. The session will explore the emergence of surface and subsurface modeling in the engineering geology community.

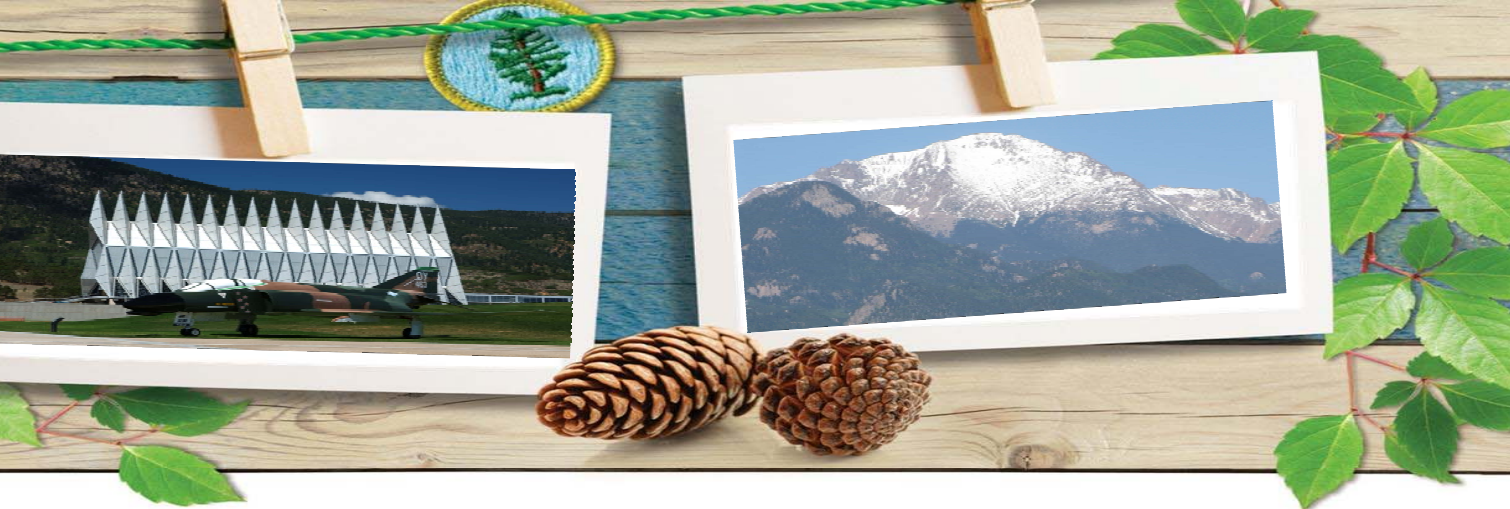
AGHP Sponsored Full Day Short Course on Rope Access

This full-day short course developed by the **AGHP Rope Access Committee** will include both classroom and on-site training. The course is designed to better understand the unique circumstances affecting rope access/climbing and scaling in a geohazard environment.

AGHP—Rockfall Barrier Post Base Support Design Workshop

This half-day short course developed by the **AGHP Post Support System Committee** will be held Monday morning immediately preceding the HGS conference. The course is designed to better understand the purpose, functions and design of Post Base Support systems in a rockfall barrier system.

More information on AGHP Courses can be found at www.geohazardassociation.org.



Registration Form

Registering as: (please check all that apply)

Participant ___ Guest ___ Student ___ Steering Committee ___ Planning Committee ___ Presenter ___ TRB

Registration Fees: Full and Student Registrations Includes: HGS Technical Sessions, Thumb Drive of Proceedings, Refreshment Breaks, Monday Icebreaker, Tuesday Lunch, Wednesday Field Trip with Lunch, Banquet and Registration Gift. Guests must register for Full Registration if they wish to attend the sessions.

	Qty	Cost	Total
Full Registration (if received by 6/19/16)		\$299	
Full Registration (if received after 6/19/16)		\$329	
Full Student Registration (Student ID required)		\$125	
AGHP Full Day Short Course on Rope Access (Sunday—limit 40 attendees)		\$150	
AGHP Rockfall Barrier Post Base Support Design Workshop (Monday—limit 30)		\$100	
TRB Session (Monday)		\$35	
Tuesday Guest Tour (includes lunch)		\$40	
Tuesday Lunch (additional guests)		\$25	
Tuesday Colorado Luau		\$60	
Wednesday Geology Field Trip (Guest)		\$30	
Wednesday Night Banquet (additional guests)		\$50	
Total Enclosed:			\$

Method of Payment:

Check: Please make checks payable to HGS 2016.

Credit Card: Number _____
Exp. Date _____ CID _____

Name: _____

Company: _____

Address: _____

City, State Zip: _____

Phone: _____

Email: _____

Cancellation Policy: Cancellations will receive a full refund, less a \$35 Administration Fee until June 15. No refunds will be issued after June 15.

Send form and payment to: HGS 2016, PO Box 441069, Aurora, CO 80044, Fax: 720-230-4846.

Hotel Room Reservations: The Symposium will be held at the Cheyenne Mountain Resort, Colorado Springs, CO. The group rate is \$179 per night (plus tax and resort fee). **Attendees can make reservations by phone (800) 588-0250.** Be sure to mention you are with the *Highway Geology Symposium*.

PO Box 441069, Aurora, CO 80044



We look forward to seeing you at the
2016 Highway Geology Symposium!

Questions? Contact Becky Roland

**Call 303-551-3266 or
broland@phoenix-amc.com**

Register Online at

www.highwaygeologysymposium.org

