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AEG•2010

Charleston, South Carolina

**Francis Marion Hotel
September 20 – 25, 2010**

Meeting Hotel



The Francis Marion Hotel, located in the heart of historic Charleston, South Carolina, was the largest and grandest in the Carolinas when it opened in 1924. Named for General Francis Marion, the "Swamp Fox" of the American Revolution, the Francis Marion Hotel in Charleston re-opened in 1996 after a \$12 million National Trust award-winning restoration, and is once again Charleston's Grand Hotel. Guests at the Francis Marion Charleston Hotel can enjoy classic Southern cuisine for breakfast, lunch and dinner in the **Swamp Fox Restaurant and Bar**, **cocktails and jazz piano music in the Swamp Fox bar**, and complete spa services at Spa Adagio.

Conference Rate: \$174 per night (single/double)

For reservations: Call 1-877-756-2121 or go online to <http://www.francismarionhotel.com/reservations.htm>.

Identify yourself as an attendee of the AEG Annual Meeting, Code AEG.

For more information visit:

www.francismarioncharleston.com

AEG 2010 Charleston



Appalachians to the Atlantic.....
Landslides, Earthquakes, and Hurricanes, OH, MY!

AEG•2010

**ASSOCIATION OF
ENVIRONMENTAL & ENGINEERING
GEOLOGISTS**

53rd ANNUAL MEETING

**Charleston, South Carolina
Francis Marion Hotel
September 20 – 25, 2010**

**For more information
and to register online:**

www.aegweb.org

AEG•2010

About Charleston

With a rich, 300-year history, Charleston today is America's most beautifully preserved architectural and historical treasure. The city's past is a testament to the spirit and tenacity of its citizens. Its appeal has been described as a "living museum." As Charleston native Elizabeth O'Neill Verner once said, "It is impossible for me to enter Charleston from any side, whether by land or by sea, and not feel that here the land is precious; here is a place worth keeping..." Visit www.charlestoncvb.com to check out all that the area has to offer.

Join us for a week of education, networking, and fun in Charleston!

◆ Field Trips

From the Atlantic to Appalachians and Back!

Overnight trip between the North Carolina mountains and Charleston. Includes stops at a landslide in NC, pumped storage project in Western SC, a seismically retrofitted dam site in Central SC, and other stops.

Environmental Remediation and History of the Savannah River Site

One-day trip to nuclear plant to see environmental remediation and other plant technologies at work.

Coastal Processes on Kiawah and Seabrook Islands, South Carolina

One-day trip to local barrier islands.

Charleston Earthquake Walking Tour

3-4 hours, will run twice during meeting. Shows and discusses evidence of 1886 magnitude 7 Earthquake on structures in Charleston.

Macroeffects of the 1886 Charleston Earthquake

Explore evidence and effects of 1886 Charleston earthquake and paleo-earthquakes throughout the Charleston region, including structural damage, paleo liquefaction evidence, and other earthquake-induced features. Ends with

Charleston Earthquake Walking Tour.

◆ Technical Program

- COASTAL AND COASTAL PLAIN ISSUES
- CHARLESTON EARTHQUAKES
- ENGINEERING GEOLOGY IN THE REMEDIATION & MAINTENANCE OF DAMS
- MINERAL AGGREGATES IN TRANSPORTATION
- ENVIRONMENTAL CHARACTERIZATION AND REMEDIATION
- VISIONING THE FUTURE OF ENGINEERING GEOLOGY
- COMPUTER APPLICATIONS FOR GEOLOGIC INVESTIGATION & REPORTING
- LANDSLIDES AND SLOPE STABILITY
- SEISMIC HAZARDS
- ROLE OF STATE GEOLOGIC SURVEYS IN THE ASSESSMENT OF GEOLOGICAL HAZARDS
- GENERAL GEOLOGIC HAZARDS
- TUNNELING
- GROUNDWATER AND HYDROGEOLOGY
- SOIL AND ROCK MECHANICS
- GEOPHYSICS FOR GEOTECHNICAL AND GEOENVIRONMENTAL APPLICATIONS
- GENERAL ENGINEERING GEOLOGY
- GENERAL ENVIRONMENTAL GEOLOGY

Short Courses

- FEMA/HAZUS COURSE
- INTRODUCTION TO GROUNDWATER CHEMISTRY
- ROCK CORE DESCRIPTIONS
- USE OF GEOPHYSICAL EQUIPMENT
- INTERMEDIATE GROUNDWATER CHEMISTRY
- PRACTICAL ROCK SLOPE ENGINEERING

Guest Tours

- CHARLESTON TEA PLANTATION & SHELLING ON EDISTO BEACH
- DOIN' THE CHARLESTON
- CYPRESS GARDENS
- GULLAH TOUR

◆ Special Event-An Evening on the USS Yorktown

**Wednesday, September 23, 2010
6:00-10:00pm**



Our special event will feature tours of the *USS Yorktown* and the Congressional Medal of Honor Museum, and dinner/entertainment on board the ship. The World War II aircraft carrier YORKTOWN, all 888 feet of her, is the flagship of the fleet at Patriots Point Naval & Maritime Museum. Patriots Point features 25 aircraft ranging from the fighters and bombers of WWII up to a modern F-14 Tomcat. Talk about hands-on history! Sit in the cockpit of an F-9 Cougar, the first model used by the fabled Navy Blue Angels. Plus, strap in and hold tight inside our Navy Flight Simulator. Then, head to the bridge of the carrier with its commanding view of Charleston Harbor and take the actual wheel of this massive, floating city of steel. Feel what life was like for the more than 3,000 sailors who lived, fought, and sometimes died in epic Pacific battles. See where Japanese Kamikazes slammed into YORKTOWN. Overnight, young boys became fighting men and fighting men, in moments of greatness, became national heroes. Their stories are told in the Congressional Medal of Honor Museum onboard YORKTOWN. Visit www.patriotspoint.org.

