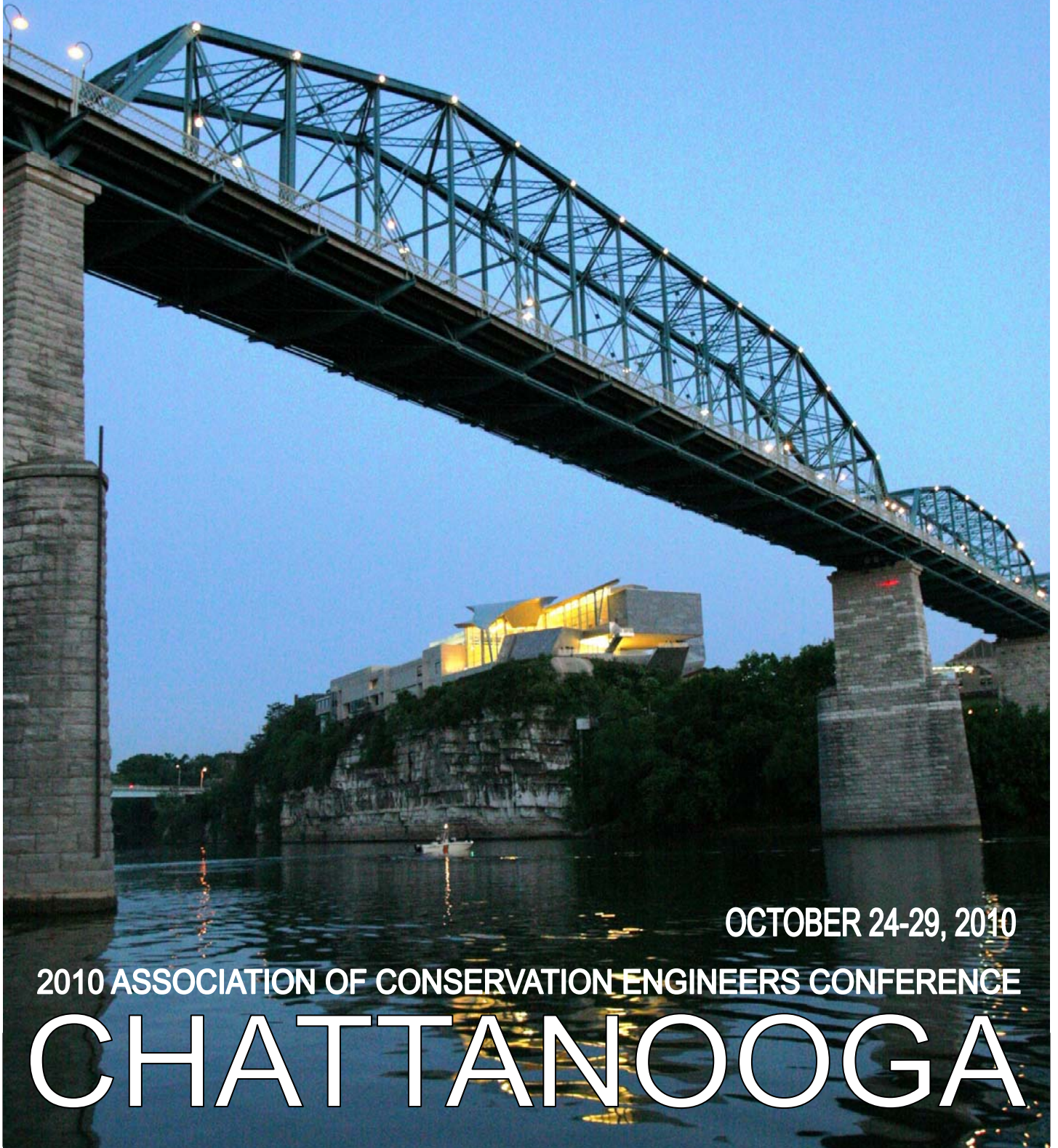


ACE RESOURCES

*A Newsletter for the Association
of Conservation Engineers*

July 2010

*Enhancing Our
Natural Resources*



OCTOBER 24-29, 2010

2010 ASSOCIATION OF CONSERVATION ENGINEERS CONFERENCE

CHATTANOOGA

Something for everyone at this year's conference

This issue of the ACE Newsletter is full of every detail you need to know about the upcoming conference.

The Agenda and list (tentative) of Technical Sessions is on pages 3-5.

Information about the hotel—the Chattanooga Choo Choo Hotel—is on page 6

The Conference Registration Form is on page 7.

Highlights of a few of Chattanooga's area attractions are on page 8.

Guest / Spouse Agenda with more highlights of things to see and do in Chattanooga is on pages 9-11.

And finally, who to contact for more information is on page 12.

Another great conference has been planned!

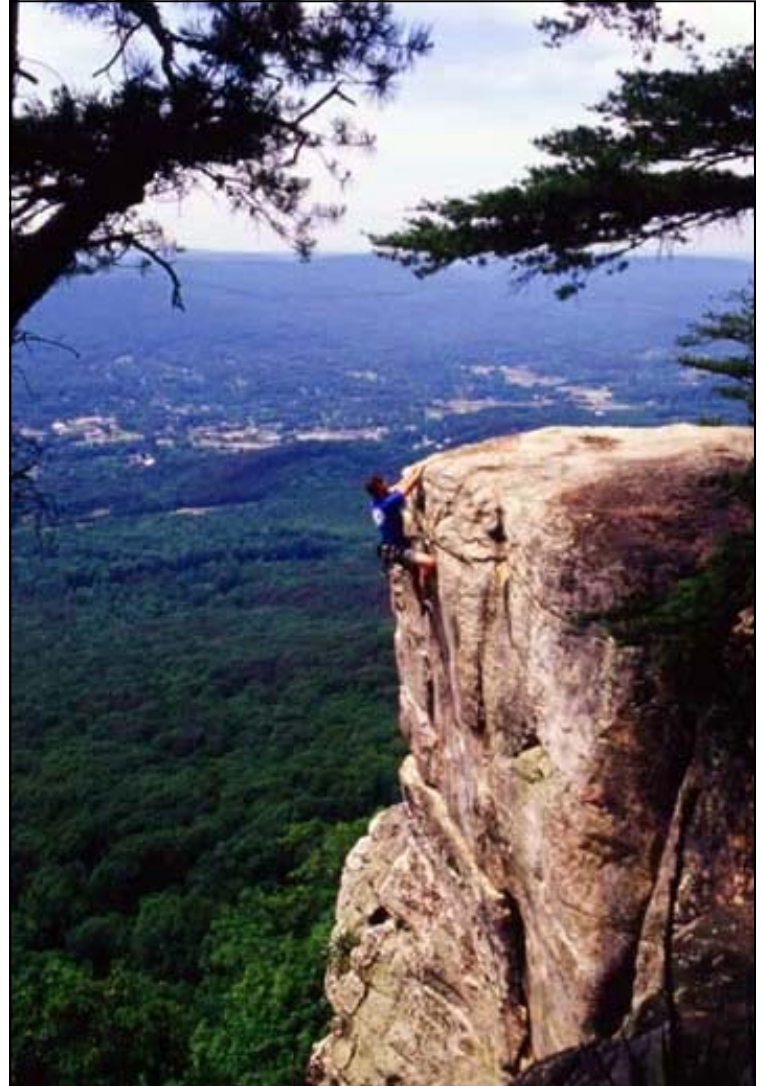
I hope that many of you are planning to attend this year. There is nothing like spending a few days with others who are as dedicated to conservation engineering as you are to help you recharge your enthusiasm. The Conference is a great place to share stories, pick up a few new ideas and meet new friends.

Add into that the opportunity to explore Chattanooga and the surrounding countryside in the fall, and this year's conference is a "must do!"

Perhaps knowing you can spend a few days this fall in the beautiful mountains of Tennessee will help you get thru the dog days of summer!

Lynda Cliburn
Editor

Editor's Note



Association of Conservation Engineers

**2009 - 2010
COMMITTEE MEMBERS**

EXECUTIVE COMMITTEE

Randy Knott, GA President
David Bumann, WY President Elect
Eugene Comoss, PA Past President
David Freedman, GA Past President
Champak Patel, IN Treasurer
Kathy Dillmon, WY Secretary
Sanjay Olson, WI At Large
John Kattell, MT At Large



2010 ACE CONFERENCE CHATTANOOGA, TN

Agenda

Sunday, October 24, 2010

- 8 am—4:30 pm....Optional Pre-Conference Activities
 Option A—Exploring the Tennessee River Waterfront
 Option B— Whitewater Rafting on the Ocoee River
- Noon Lunch (on your own)
- 1 pm Tour Tennessee Aquarium
- 1:30 pm..... Optional Behind-the-Scenes Aquarium Tour
 (Limited to first 15 to sign up)
- 3 pm Registration Opens at Hotel
- 4 pm Executive Committee Meeting at Hotel
- 6-8 pm..... Welcome Reception at Hotel

Monday, October 25, 2010

- 7:30 am Registration
- 8 am Welcome & Conference Overview
 “Welcome to 2010 ACE Conference”
 Randy Knott, President
- 8:15 am Greetings from the Sponsors
 USDA FS, Alabama DNR
- 8:30 am “Welcome to Tennessee”
 Paul Sloan, Exec. Director, TN DEC
- 9 am..... “Welcome to Chattanooga”
 Jim Frierson, Vice Chair, Chatt. Green Comm.
- 9:30 am Group Photo
- 9:45 am Break
- 10 am Technical Session #1
- 11 am Announcements & Business Session #1
- 11:30 am ... Lunch (provided) with spouses and guests
- 1 pm Carl V. Anderson Project Award Winners

WELCOME

Mark your calendars and plan on joining us for the 49th Annual Association of Conservation Engineer's Conference. The conference will provide participants an opportunity to discuss and share experiences within and across a wide variety of engineering and environmental disciplines - not to mention the great tours and activities.

Steeped in history and providing fun for everyone, Chattanooga provides outstanding accommodations, eclectic shops, unique dining and a variety of world class attractions. And when you're ready to soak in some nature, you'll be surrounded by breathtaking mountain vistas. There are so many things to do in Chattanooga that you'll find it takes several days to fit them all in!

The early registration deadline will be **September 17th**. Please note that lodging reservations must be made before October 2, 2010.





Agenda

2010 ACE CONFERENCE
CHATTANOOGA, TN

TECHNICAL SESSIONS

Tentative List of Sessions

Technical Session 1

Revitalization and Sustainability
Gene Hyde, City Forester, Chattanooga

Technical Session 2A

Use of USGS Regression Equations to
Predict AOP Flows in Steep Mountain
Streams
T. D. Monroe

Technical Session 2B

Synthesis of Scientific Info — Coweeta
Hydrologic Lab
Dr. Jim Vose

Technical Session 3A

TBD
Iron Wolf—representative

Technical Session 3B

Setting the Stage for Natural Shoreline
Healing
Hank Sutton

Technical Session 4A

Remembering the Trail of Tears
Bob Richards, State of Tennessee

Technical Session 4B Engineering Materials
and Geology of the Ocoee River Gorge
Dr. Don Byerly

1:30 pm Technical Session #2

Technical Presentation 2A

Technical Presentation 2B

3 pm Break

3:30 pm Technical Session #3

Technical Presentation 3A

Technical Presentation 3B

5 pm Adjourn

6 pm Dinner on your own

Tuesday, October 26, 2010

7:30 am..... Registration

8 am..... Announcements

8:15 am..... Technical Session #4

Technical Presentation 4A

Technical Presentation 4B

9:45 am..... Break

10:15 am.... Depart for Visit to Ft. Armistead—Trail of Tears

11:30 am.... Lunch (provided) with attendees, spouses and guests

2 pm Depart for Visit to Ocoee River Gorge

3 pm Technical Presentation on the Road

Hwy 64: Historic Uses & Rural Impacts

4 pm Tour of Ocoee River Gorge and

White Water Visitor Center

5 pm Barbecue and Bluegrass in the Gorge

9 pm Arrive back at Hotel

Wednesday, October 27, 2010

7:30 am..... Registration



2010 ACE CONFERENCE CHATTANOOGA, TN

Agenda

- 8 am..... Announcements
8:15 am Technical Session #6
 Technical Presentation 6A
 Technical Presentation 6B
9:45 am Break
10:15 am ... Technical Session #7
 Technical Presentation 7A
 Technical Presentation 7B
11:45 am ... Lunch (on your own)
1 pm Main Business Meeting
2 pm Depart for tour of USFS Air Tanker Base
 Forest Fire Suppression
4 pm Return to Hotel
5 pm Depart for Southern Belle Riverboat,
 Social & Dinner On the Tennessee River
 (Business Casual)
5:30 pm..... Board Southern Belle for Social
6 pm Southern Belle Departs
9 pm Arrive back at Hotel (trolley on your own)

Thursday, October 27, 2010 (Optional)

- 8 am..... Depart for tour of NE Alabama State Parks
8:30 am Visit to “Lodge” Cast Iron Facility
10:30 am ... Break (provided at cave)
10:45 am ... Cathedral Cave State Park Tour
1 pm Lunch (provided) at Guntersville Lodge
2 pm Guntersville State Park Tour
5 pm Arrive back at Hotel

END OF CONFERENCE—SAFE TRAVELS BACK HOME !

TECHNICAL SESSIONS

Tentative List of Sessions

- Technical Presentation 5A (On the Road)
Fort Armistead & Trail of Tears
Quentin Bass, USDA - FS
- Technical Presentation 5B (On the Road)
Ocoee River Gorge — Historic Uses &
Economic Impacts
Doug Byerly, USDA - FS
- Technical Session 6A
Conservation Approach to Coal
Conversion Product Handling
N. Schmitt & B. Cole
- Technical Session 6B
Restoration of the American Chestnut
on Mined Land in Tennessee
Barry Thacker
- Technical Session 7A
Just Get the Lead Out
Norval Olson
- Technical Session 7B
An Engineer’s Introduction to China
Randy Knott





Lodging

2010 ACE CONFERENCE CHATTANOOGA, TN

HISTORIC HOTEL

The historic Chattanooga Choo Choo Hotel is the site of this year's conference. This 24-acre recreation and convention complex is located in the heart of downtown Chattanooga, with a 1924 working trolley and a railroad museum on-site, among other attractions. The City Trolley stops in front of the Choo Choo, linking directly to the riverfront, aquarium, and other Chattanooga attractions. Once a busy railway station, now transformed into the Chattanooga Choo Choo, this large vacation complex is flowing with color and texture in its landscape. Walking around the Choo Choo property, one can see a courtyard surrounded by train cars and the formal gardens featuring a variety of plant materials. For train enthusiasts of all ages, the Model Railroad Museum is a definite stop. The Chattanooga Choo Choo Hotel is the perfect place for this year's ACE Conference.

A group block has been reserved at the Chattanooga Choo Choo Hotel at the government rate of \$87.00 per night (plus tax) single or double occupancy. Individuals are responsible for making their own reservations and have three different choices for doing so:

- By calling **1-800-872-2529** and asking for **ACE 2010** or provide the Reservation Code - **CE1**.
- By using the online registration system. You will be asked to enter your correct arrival and departure dates.
- By email - send an email to frontdesk@choochoo.com and request a reservation.

Please make your reservations **before October 2nd**. Requests received after this date will be offered on a space-available basis and availability is not guaranteed.

Located approximately 12 miles from the conference hotel, the Chattanooga Metropolitan Airport is serviced by American Eagle, Delta, US Airways Express and Allegiant. Note that the hotel provides free shuttle service from the airport.

It's a HOTEL

Built - 1908
First Train - 1909
Last Train - 1970
Hotel - 1973

It's a SONG
It's a TRAIN

HISTORIC HOTELS of AMERICA **CHATTANOOGA CHOO CHOO**

2010 ACE CONFERENCE
CHATTANOOGA, TN

Attendee & Guest
Registration

Please use this form to register for the 49th Annual ACE Conference to be held October 24-29, 2010 in Chattanooga, Tennessee. If you have questions about registration or need to make special payment arrangements, please call (406) 273-7224 or 1-866-MEET-1110 (toll free). Lodging, activity, and program information can also be found online at www.conservationengineers.org. Use one form for each attendee. Conference registration includes a free 1-year ACE membership.

Mail completed forms to: ACE Conference, Meetings Northwest, LLC, PO Box 2083, Missoula, MT 59806-2083.

PLEASE PROVIDE THE FOLLOWING:

Attendee Name

Title

Company/Organization

Address

City State/Province Zip/Postal Code

Phone

Fax

Email

ACE Member Yes No

Allow us to better serve you. If you or a guest have any special needs (diet, transportation requirements, etc.) please indicate so here:

CANCELLATION POLICY

Individuals who must cancel their registration can do so 30 days prior to the event and receive a full refund. Individuals who must cancel two weeks to 30 days prior to the event receive a 75% refund, and a 50% refund will be issued for cancellations made one to two weeks prior to the event. Cancellations received less than 1 week from event will not be eligible for a refund. Substitutions, however, are always welcome.

OFFICE USE ONLY

Date Received _____ Payment method: CK CC OT
Attendees ID Number _____ Packet: YES NO
Date sent _____

FEES

Attendee Registration: To be eligible for the early registration fee, this form must be postmarked by **September 17th**. Select from the following:

		Early	Late
Full Conference Registration	\$300.00	<input type="checkbox"/>	\$350.00 <input type="checkbox"/>
One-Day Registration: Date _____	\$125.00	<input type="checkbox"/>	\$150.00 <input type="checkbox"/>
Student Registration (full conference)	\$125.00	<input type="checkbox"/>	\$125.00 <input type="checkbox"/>

Subtotal Attendee Registration: \$ _____

Guest Registration: This \$150 fee shown below is for the full guest program and covers all regular activities Sunday evening through Wednesday evening.

_____ \$150.00
Guest #1 Name

_____ \$150.00
Guest #2 Name

Subtotal Guest Registration \$ _____

Optional Events

Sunday am: Opt A— Explore/bike TN River Waterfront
How many? _____ (Price TBD) Total \$TBD

Sunday am: Opt B— Whitewater Rafting on Ocoee River
How many? _____ (Price TBD) Total \$TBD

Sunday 1 pm: Tour Tennessee Aquarium
How many? _____ (\$25) Total \$ _____

Sunday 1:30 pm: Behind-the-Scenes Aquarium Tour
(limited to first 15 to sign up—requires Aquarium Admission)
How many? _____ (\$15) Total \$ _____

Thursday: Explore NE Alabama State Parks
How many? _____ (\$35) Total \$ _____

Subtotal Optional Events: \$ _____

Attendee Registration: \$ _____

Guest Registration: \$ _____

TOTAL: \$ _____

- Check or Money-Order (Payable to Meetings Northwest, LLC)
- Credit Card (provide all the requested information)

Name (as it appears on the card)

Number

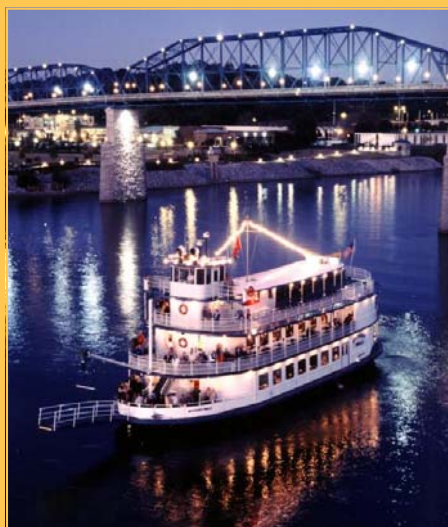
Expiration Date

Card Verification/Validation Code (VISA/MC— three digit number on the back of card—usually found in signature area)



Area Attractions

2010 ACE CONFERENCE
CHATTANOOGA, TN



A 500-passenger riverboat, the **Southern Belle** features fully-narrated sight-seeing, lunch and dinner cruises on the scenic Tennessee River. *We will be aboard Wednesday evening.*

Within walking distance from downtown Chattanooga, **Bluff View Art District** houses an intriguing

collection of galleries, gardens, inns, restaurants and historic B&B's with an old world elegance and a spectacular view.

Our free electric shuttle runs about every five minutes from the Chattanooga Choo Choo to near the Tennessee Aquarium. The NorthShore Historic District shuttle runs about every 15 minutes.

Chattanooga Choo Choo Terminal Complex includes *our hotel*, shops, model railroad museum and the entertaining **Jukebox Junction Theater's** musical and comedy review.

The **Chattanooga Ducks** are unique military amphibious vehicles but are equally at home on land as well as water. Tours enter the water below the City Pier.

Located in the First Tennessee Pavilion next to Finley Stadium, the **Chattanooga Market** has baked goods, a climbing wall, handcrafted arts, farm direct produce and live music every Sunday from May through November.

Catch a fun-filled boat ride on the **Chattanooga Water Taxi** or **Fat Cat Ferry** docked at Coolidge Park.

The **Houston Museum of Decorative Arts** houses one woman's collection of 18th, 19th and early 20th century decorative arts objects including glass, ceramics, furniture, textiles, and more.

The **Tennessee Aquarium IMAX® 3D Theater** is the world's most powerful and immersive movie experience. With crystal clear, larger than life 3D images that leap off a six-story screen, you'll feel like you're part of the action. *The Aquarium is our optional Sunday afternoon event.*

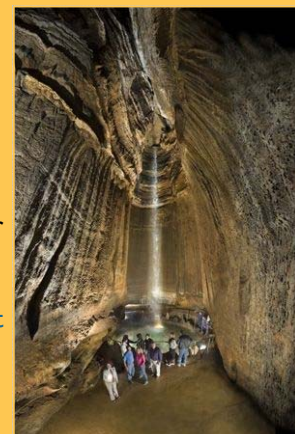


The **Blue Moon** is a 70-ft luxury cruiser offering 3.5 hour guided ecocruises into the Tennessee River Gorge and the Hiwassee Wildlife Refuge.

The **Chattanooga Zoo at Warner Park** features animals from Africa, Asia, Latin America and North America. Just completed a \$10 million new addition.

Dinner with fun! Once inside the **Murder Mystery Dinner Theatre**, you will meet and talk with the show's crazy characters—then witness a crime you must help solve.

Ruby Falls— Discover a World of Wonder! Ruby Falls, a thundering 145-foot waterfall is located deep within Lookout Mountain. Thrill to the unique formations and the sheer beauty of the sparkling waterfall on this fun-filled and educational visit. *This is part of our Wednesday guest tour.*





2010 ACE CONFERENCE
CHATTANOOGA, TN

Guest / Spouse Agenda

Sunday, October 24, 2010

- 8 am—4:30 pm....Optional Pre-Conference Activities
 - Option A—Exploring the Tennessee River Waterfront
 - Option B— Whitewater Rafting on the Ocoee River
- Noon Lunch (on your own)
- 1 pm Tour Tennessee Aquarium
- 1:30 pm..... Optional Behind-the-Scenes Aquarium Tour
(Limited to first 15 to sign up)
- 3 pm Registration Opens at Hotel
- 4:30 pm Trolley from Aquarium back to Hotel
- 6 –8 pm..... Welcome Reception at Hotel

Monday, October 25, 2010

- 7:30 am Registration
- 8 am Welcome & Conference Overview
 - “Welcome to 2010 ACE Conference”
Randy Knott, President
- 8:15 am Greetings from the Sponsors
 - USDA FS, Alabama DNR
- 8:30 am “Welcome to Tennessee”
 - Paul Sloan, Exec. Director, TN DEC
- 9 am..... “Welcome to Chattanooga”
 - Jim Frierson, Vice Chair, Chatt. Green Comm.
- 9:30 am Group Photo
- 9:45 am Break
- 10 am Tour grounds of Chattanooga Choo Choo:
 - Antique trolley; gardens;
 - model railroad museum

LOOKOUT MTN AREA

Located on top of Lookout Mountain, across from Point Park Battlefield, the **Battles for Chattanooga Electric Map & Museum** gives a 3-dimensional presentation of Chattanooga’s Civil War history.

Relax and enjoy wildlife-friendly gardens at the **Chattanooga Nature Center**. Walk, drive or bike along miles of trails in adjoining **Reflection Riding** where you’ll see wildlife at its best.

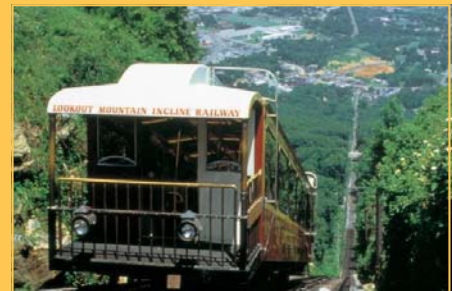


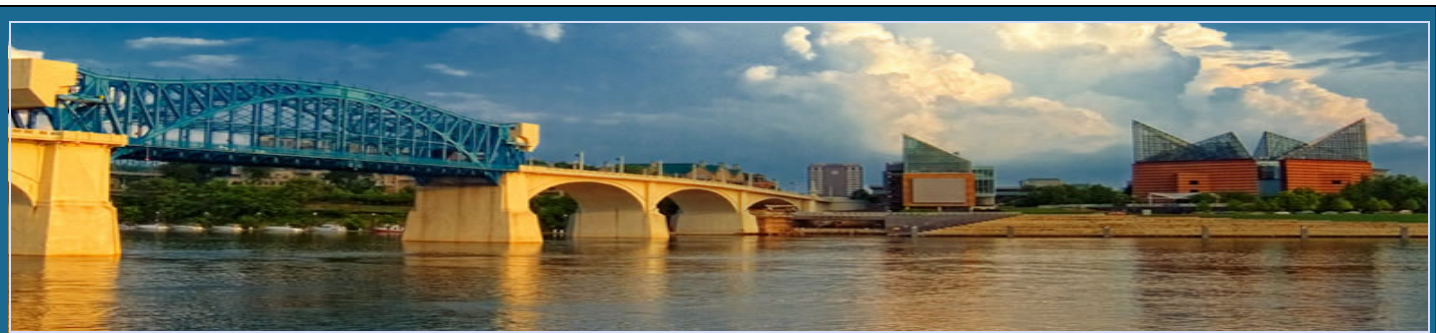
Discover historical facts and memorabilia at the **International Towing & Recovery Museum** with antique tow trucks on display.

Experience the thrill as you ride the world’s steepest passenger railway. The **Lookout Mountain Incline Railway** is known as “America’s Most Amazing Mile”.

Point Park is located on top of Lookout Mountain and is a unit of the Chickamauga Chattanooga National Military Park.

Raccoon Mountain Caverns is the South’s most geologically active cave and is known for its incredible array of diverse formations.





Guest / Spouse Agenda

2010 ACE CONFERENCE
CHATTANOOGA, TN

JUST FOR FUN



There are few places where you can experience so many world-class attractions and still be within ten minutes of breath-taking views from high atop the mountains.

For more information check out chattanoogafun.com/attractions

At the **Tennessee Aquarium**, explore a cove forest where otters play. Feel the steam rise in a delta swamp where alligators lurk. Watch penguins dive into and rocket out of the chilly water at Penguins' Rock.

Thrill to the sound of thundering **Ruby Falls**, a spectacular 145 ft underground waterfall. After the tour, visit the tower to enjoy the view of Chattanooga or pan for gemstones.



- 11:30 am.....Lunch (provided) with attendees, spouses and guests
- 1 pm Carl V. Anderson Project
Award Winners
- 1:30 am.....Trolley to explore Riverfront and
Bluff View Art District
- 6 pmDinner on your own

Tuesday, October 26, 2010

- 7:30 am.....Registration
- 8 amAnnouncements
- 8:15 am.....On your own to explore Choo Choo grounds
- 10:15 am....Depart for Visit to Ft. Armistead—Trail of Tears
- 11:30 am....Lunch (provided) with attendees, spouses and guests
- 2 pm.....Depart for Visit to Ocoee River Gorge
- 3 pm.....Technical Presentation on the Road
Hwy 64: Historic Uses & Rural Impacts
- 4 pm.....Tour of Ocoee River Gorge and
White Water Visitor Center
- 5 pm.....Barbecue and Bluegrass in the Gorge
- 9 pm.....Arrive back at Hotel

This is a preliminary agenda and, therefore, is subject to change. Updates will be posted on-line at www.conservationengineers.org.



2010 ACE CONFERENCE
CHATTANOOGA, TN

Guest / Spouse Agenda

Wednesday, October 27, 2010

- 7:30 am Registration
- 8 am..... Announcements
- 9 am..... Depart for bus tour of Chattanooga area:
 - Ruby Falls
 - Lookout Mountain Incline Railroad
 - Arts tour incl. local metal artisan,
wood craftsman, chocolate artisan
 - Additional attractions as time permits
 - Lunch included at Mt. Vernon Restaurant
- 3-3:30 pm . Return to Hotel
- 5 pm Depart for Southern Belle Riverboat,
Social & Dinner on the Tennessee River
(Business Casual)
- 5:30 pm..... Board Southern Belle for Social
- 6 pm Southern Belle Departs
- 9 pm Arrive back at Hotel (trolley on your own)

Thursday, October 27, 2010 (Optional)

- 8 am..... Depart for tour of NE Alabama State Parks
- 8:30 am Visit to “Lodge” Cast Iron Facility
- 10:30 am ... Break (provided at cave)
- 10:45 am ... Cathedral Cave State Park Tour
- 1 pm Lunch (provided) at Guntersville Lodge
- 2 pm Guntersville State Park Tour
- 5 pm Arrive back at Hotel

END OF CONFERENCE—SAFE TRAVELS BACK HOME !

OUTDOOR FUN

Whatever your outdoor adventure may be, the Scenic City has your fix. With an active riverfront surrounded by picturesque mountains, Chattanooga is an outdoor paradise.

For more information check out chattanooga.fun.com/attractions

Chattanooga is home to the **Chattanooga Lookouts** Baseball Club Class AA affiliate of the LA Dodgers.

Coolidge Park is a 7-acre park located on the North Shore of the Tennessee River with a restored historic carousel and an interactive play fountain.

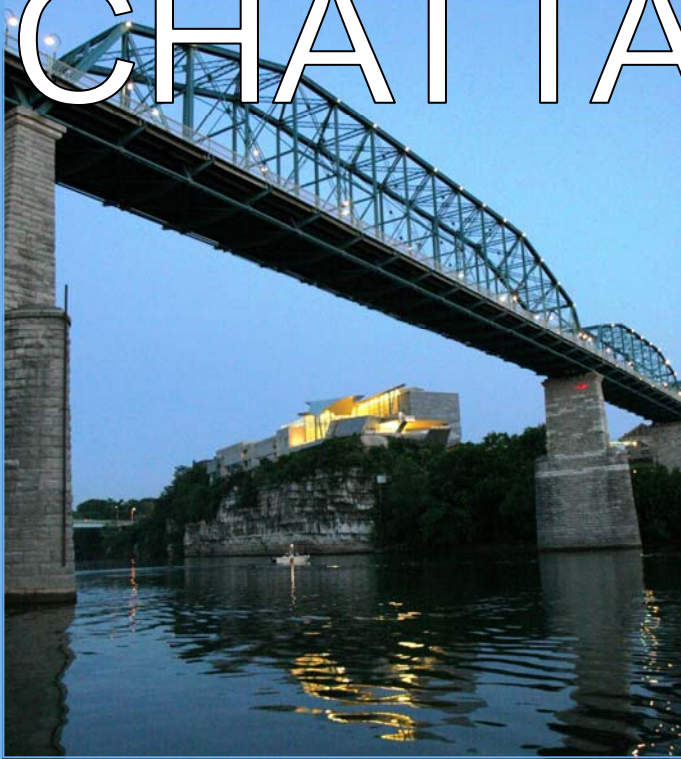
Fish, boat, bike, walk, jog, or just people watch. With 13 miles of trails along the **Tennessee River**, there’s enough room for everyone.

The **Ocoee** has become one of the most popular rafting rivers in the country with approximately 200,000 commercial rafters annually. The Ocoee is just fun. Dropping over 260 ft in five miles, there is little flat water on the whole river—meaning nonstop action.



2010 ASSOCIATION OF CONSERVATION ENGINEERS CONFERENCE

CHATTANOOGA



OCTOBER 24-29, 2010

General Conference Questions

Jim Kozik
USDA Forest Service-Southern Reg.
Room 716, 1720 Peachtree Rd. NW
Atlanta, GA 30309
jkozik@fs.fed.us

Registration

Meetings Northwest, LLC
TEL: 406/273-7224
Toll Free: 1-866-633-8110
admin@conservationengineers.org

Conference Program

Jim Kozik

Guest / Spouse Agenda

Alice Anderson
Alice@dallas42.com

ACE RESOURCES

inside...

What you need to know
about this year's Conference

HDR Engineering Inc.
5201 South Sixth Street Road
Springfield, Illinois 62703-5143
217.585.8300 or 217.585.8333