

# CHICAGO6



ASCE Annual Civil Engineering Conference  
October 19-21, 2006  
Westin Chicago River North Hotel



**SURVIVING THE FUTURE**



**ASCE**

*American Society of Civil Engineers*

# Subject to Change \*\* PRELIMINARY ASCE 2006 ANNUAL CONFERENCE & PRE-CONFERENCE PROGRAM OVERVIEW \*\* Subject to Change

	MONDAY 10/16/2006	TUESDAY 10/17/2006	WEDNESDAY 10/18/2006	THURSDAY 10/19/2006	FRIDAY 10/20/2006	SATURDAY 10/21/2006	SUNDAY 10/22/2006
7:00 AM							
7:30 AM							
8:00 AM	WFEO Meeting (Tentative)	WFEO Meeting	WFEO Council Meeting	WFEO Council Meeting	Continental Breakfast	Order of the Engineer/ Breakfast	Continental Breakfast
8:30 AM			CDRM Seminar on Efficacy of Preventive Measures for Wind, Quake, and Flood	SE/NIST Progressive Collapse Seminar	Plenary Session SURVIVING THE FUTURE Hazard Mitigation for Civil Infrastructure	ASCE Annual Business Meeting and Presentation of Society Awards	
9:00 AM			ASCE BOD Meeting	Pre-Conf Short Courses	<b>Break</b>		
9:30 AM			ASCE BOD Meeting	ASCE Symposium on Sustainability	General Session 1 Hazard Mitigation for Infrastructure: A Plan of Attack		
10:00 AM			ASCE BOD Meeting	Pre-Conf Short Courses		Joint Younger and Student Member Leadership Symposium	Editors' Workshop
10:30 AM			ASCE BOD Meeting	Pre-Conf Short Courses			
11:00 AM			ASCE BOD Meeting	Pre-Conf Short Courses			
11:30 AM			ASCE BOD Meeting	Pre-Conf Short Courses			
12:00 PM			ASCE BOD Meeting	Pre-Conf Short Courses			
12:30 PM			ASCE BOD Meeting	Pre-Conf Short Courses			
1:00 PM	WFEO Lunch on own	WFEO Lunch on own	International Luncheon Millennium Development Goals	Sustainability Luncheon and Keynote Kamel Ayadi, President WFEO 12:00 - 2:00 pm	Leadership Luncheon	All Hands Lunch Engineers Without Borders Presentation	Board Committee Luncheon
1:30 PM							
2:00 PM					Session II Mitigation: The Road to Infrastructure Resiliency		
2:30 PM					<b>Break</b>		
3:00 PM					Session III Lessons for the Civil Engineering Profession from Hurricane Katrina		
3:30 PM	WFEO Meeting (Tentative)	WFEO Meeting	CDRM Seminar on Efficacy of Preventive Measures for Wind, Quake, and Flood	Pre-Conf Short Courses		YM Leadership Symposium	YM Leadership Symposium
4:00 PM			ASCE BOD Meeting	ASCE Foundation's Financial Planning Seminar			
4:30 PM			ASCE BOD Meeting	ASCE Foundation's Financial Planning Seminar			
5:00 PM			ASCE BOD Meeting	ASCE Foundation's Financial Planning Seminar	Session IV Question & Answer Forum: Roundtable Summary		
5:30 PM					Free Time		
6:00 PM							
6:30 PM							
7:00 PM					Presidential Reception		
7:30 PM							
8:00 PM							
8:30 PM	WFEO Reception and Dinner with ASCE BOD (By Invitation Only)		90th Anniversary Illinois Section Dinner (Private Function) (By Invitation Only)	International Dinner (Separate Ticket Required)	Gala Banquet with Honorary Member Program (Separate Ticket Required)		
9:00 PM							
9:30 PM							
10:00 PM							

Pre-Conference International Program
  Pre-Conference Seminars & Workshops
  Pre-Conference Short Courses
  Separate Tickets
  Pre-Conference Younger Member Program
  Annual

Pre-Conference Symposium
  Pre-Conference Younger Member Program
  Annual

Dear Colleague,

## **ARE YOU PREPARED TO SURVIVE THE FUTURE? JOIN US IN CHICAGO AND FIND OUT!**

On behalf of the American Society of Civil Engineers, the Illinois Section and the entire conference committee we invite you to join us in beautiful downtown Chicago on October 19–21, 2006 for ASCE's Annual Civil Engineering Conference. This year's conference theme is "Surviving the Future".

The conference will focus on protecting and strengthening our civil infrastructure as we face natural, technical and political hazards of the future. Addressing these issues in his Keynote Address in our Opening Plenary Session will be General Barry R. McCaffrey, USA (Ret.)

Our technical sessions will include owners of major infrastructure systems including the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) and the Wisconsin Department of Transportation (WisDOT), the Illinois Department of Transportation (IDOT) and others.

Pre- and post-conference events include the *Symposium on Sustainability*, the Younger Member Leadership Forum, a revamped Student Member Program, short courses for additional PDH's (Professional Development Hours) and much more.

This year the conference will be held at the Westin Chicago River North Hotel located in downtown Chicago's Loop District on the bank of the Chicago River. You will be within walking distance of the Lakefront, the Magnificent Mile, Millennium Park and the Theater District.

***Come Join Us for the Sights, Sounds and Tastes of Chicago.***

Sincerely,

### **2006 Conference Steering Committee**



**Glenn Schirmer,  
P.E., F.ASCE,  
Co-Chair**



**G. Nicholas Textor,  
P.E., D.WRE,  
F.ASCE  
Co-Chair**



**Richard A.  
Walther, P.E., S.E.**



**Don Wittmer, P.E.**

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# O P E N I N G P L E N A R Y S E S S I O N

Friday, October 20 | 8:45 – 10:15 a.m.

## **SURVIVING THE FUTURE** **“Hazard Mitigation for Civil Infrastructure”**

### Welcome



**Thomas J. Johnson, III,  
P.E., M.ASCE**  
Illinois Section President  
Principal Project Manager  
MWH Americas, Inc.

### Presidential Remarks



**Dennis R. Martenson, P.E.,  
BCEE, F.ASCE**  
ASCE President 2006

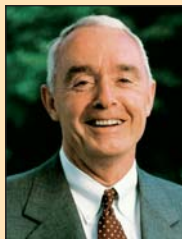
### Moderator



**G. Nicholas Textor, P.E.,  
D.WRE, F.ASCE**  
2006 Annual Conference  
Co-Chair

The 2006 Annual Civil Engineering Conference theme, “Surviving the Future,” focuses on the role civil engineers have and will play in mitigating the natural, technical and socio-political hazards which challenge our civil infrastructure systems. The conference will address the multidisciplinary issues these hazards present to owners, users and designers of critical civil infrastructure, including transportation, communication, water and sanitation, power distribution, and emergency response infrastructures. The integration of hazard mitigation principals into a wide range of crisis, disaster and risk management activities associated with civil infrastructure will be presented. The opening Plenary Session includes a keynote address by General Barry R. McCaffrey, USA (Ret.). General McCaffrey is one of the great military leaders of our time and currently serves as an expert on international affairs for NBC News on matters associated with terrorism.

### Keynote



**General Barry R.  
McCaffrey, USA  
(Ret.)**

General Barry R. McCaffrey is President of his own consulting firm based in Arlington, Virginia. General McCaffrey stepped down as the Director of the White House Office of National Drug Control Policy (ONDCP) in January 2001. He was confirmed to the position by unanimous vote of the U.S. Senate in February 1996 and served as a member of the President’s Cabinet and the National Security Council for drug-related issues. As ONDCP Director, he coordinated the \$19 billion federal drug control budget and developed the U.S. National Drug Control Strategy.

Prior to confirmation as the National Drug Policy Director, General McCaffrey served as the Commander-in-Chief of the U.S. Armed Forces Southern Command coordinating national security operations in Latin America. During his military career, he served overseas for thirteen years and completed four combat tours. He commanded the 24th Infantry Division (Mech) during the Desert Storm 400-kilometer left hook attack into Iraq. At retirement from active duty, he was the most highly decorated four-star general in the U.S. Army. He twice received the Distinguished Service Cross, the nation’s second highest medal for valor. He was also awarded two Silver Stars and received three Purple Heart medals for wounds sustained in combat. General McCaffrey served as the assistant to General Colin Powell and supported the Chairman as the JCS advisor to the Secretary of State and the U.S. Ambassador to the United Nations.

### Session I

#### Hazard Mitigation for Infrastructure: A Plan of Attack

10:30 a.m. – 12:00 p.m.

Mitigation strategies which address the multihazards that challenge our civil infrastructure systems require a holistic approach, based on specific threat and vulnerability assessments of each component of the overall infrastructure system. Emerging methodologies founded on engineering principals and state-of-the-art knowledge are being used to assess the vulnerabilities of specific infrastructure systems. These methodologies catalog assets and system capabilities, assign value and importance to the system resources, and identify and quantify the vulnerabilities of each system. Representatives from transportation, water resources, and emergency management will discuss how they address the hazards facing their respective infrastructures and how vulnerability assessments are establishing the parameters for the design of mitigation countermeasures through deterrence, detection, and prevention.

#### Moderator



**Richard A. Walther, P.E., S.E.**, Consultant, Wiss, Janney, Elstner Associates, Inc. and Executive Council Editor, ASCE Practice Periodical on Structural Design and Construction

#### Panelists



Richard Lanyon



Jeffrey Western

#### Panelists

**Richard Lanyon, P.E.**, General Superintendent, Metropolitan Water Reclamation District of Greater Chicago (MWRDGC)

**John Rogan**, Office of Emergency Management & Communication, City of Chicago

**Jeffrey Western, P.E., S.E.**, Manager Employee Security and Infrastructure Protection, Wisconsin Department of Transportation

### Session II

#### Mitigation: The Road to Infrastructure Resiliency

1:30 – 3:00 p.m.

In the past two and half decades, the nation has witnessed unprecedented increases in the direct cost of disasters and is just beginning to grasp the profound impact of the indirect losses associated with disasters and the disruption of critical infrastructure. As urban areas grow and technologies advance, national and global infrastructures become more interconnected, complex, and critical to our functioning society.

Emergency management professionals need to understand the interdependencies of critical infrastructures, just as engineers, planners, and other related professionals need to have a stronger knowledge of emergency management. When a disaster strikes, the impact it has on our infrastructure and networks can be devastating. An integrated and complementary approach to protecting critical infrastructures and mitigating the impacts of disasters is essential to developing a resilient infrastructure network, as well as effective emergency response and recovery operations.

#### Moderator



**Eva Lerner-Lam, M.ASCE**, President, Palisades Consulting Group, Inc. and Editor-in-Chief, ASCE Committee on Critical Infrastructure

#### Panelists



Edward M. Laatsch



Cecil Lue-Hing

#### Panelists

**Edward M. Laatsch, P.E.**, Chief, Building Science Section, Mitigation Division, Federal Emergency Management Agency (FEMA), Department of Homeland Security

**Cecil Lue-Hing, Sc.D., P.E., BCEE, Hon.M.ASCE, NAE**, Metropolitan Water Reclamation District of Greater Chicago (MWRDGC); EWRI Past President

**Paul Mlakar, Ph.D., P.E., F.ASCE**, Senior Research Scientist, Engineer Research and Development Center, U.S. Army Corps of Engineers; ASCE Committee on Critical Infrastructure Chair

**Private Sector Representative (TBA)**



Paul Mlakar

### Session III

#### Lessons for the Civil Engineering Profession from Hurricane Katrina

3:15 – 4:45 p.m.

The Southeast Louisiana Hurricane Protection System failed to protect New Orleans and surrounding areas from the devastation caused by Hurricane Katrina. The performance of the system during and following Katrina is a source of rich lessons for the civil engineering profession. This session will focus on the results of the U.S Army Corps of Engineers Interagency Performance Evaluation Task Force and lessons learned.

#### Moderator



**Lawrence H. Roth, P.E., G.E., F.ASCE**, ASCE Deputy Executive Director

#### Panelists



John T. Christian



David E. Daniel

#### Panelists

**John T. Christian, Ph.D., P.E., Hon.M.ASCE**, Consulting Engineer, and Member, National Research Council Committee on New Orleans Regional Hurricane Protection Projects

**David E. Daniel, Ph.D., P.E., M.ASCE**, President, University of Texas at Dallas, and Chair, ASCE External Review Panel

**Lewis E. (Ed) Link, Ph.D.**, Senior Research Engineer, University of Maryland, and Director, U.S. Army Corps of Engineers Interagency Performance Evaluation Task Force

**LTG Carl A. Strock, P.E., M.ASCE**, Chief, U.S. Army Corps of Engineers



Lewis E. (Ed) Link



LTG Carl A. Strock

### Session IV

#### Question & Answer Forum: Roundtable Summary

4:45 – 5:30 p.m.

The culmination of the day will be a Question and Answer Roundtable forum, including participation by panelists from Sessions I, II, and III and moderated by General Barry R. McCaffrey. The forum will highlight the key concepts presented in each session, including vulnerability assessments of individual infrastructure systems in Session I, mitigation strategies to address the inter-dependency of these systems presented in Session II, and the lessons learned from Hurricane Katrina, a catastrophic real-world hazard event, presented in Session III.

**Register by August 31, 2006 and SAVE!**  
For complete Conference information and to register, visit [www.asceannualconference.org](http://www.asceannualconference.org)

## Special Events

**WEDNESDAY, OCTOBER 18**

### 90th Anniversary Illinois Section Dinner

6:00 – 10:00 p.m.

*By invitation only*

This will be an exciting evening with the Illinois Section celebrating their 90th Anniversary, installing the new officers, special recognition for life members and recognizing other members for their achievements. For more information and registration, contact Robert Gorski at Robert.Gorski@hdrinc.com.

### International Luncheon

12:00 – 2:00 p.m.

*(Separate ticket required) Registration fee: \$50*

**Speaker: To be announced**

The ASCE International Activities Committee (IAC) is pleased to host this luncheon about *Surviving the Future: Engineers—Key Partners in Delivering the Millennium Development Goals*. Join us for a cordial luncheon where ASCE Board members, WFEO Executive Council members and honored leaders of civil engineering societies worldwide can meet and informally discuss professional matters of mutual interest. Discover the similarities and differences of engineering challenges throughout the world.

**THURSDAY, OCTOBER 19**

### Sustainability Luncheon

12:00 – 2:00 p.m.

*(Separate ticket required) Registration fee: \$50*

**Invited Speaker: Kamel Ayadi**, President WFEO

The UN Millennium Development Goals provide a global agenda for all countries and leading development institutions to follow. ASCE works in collaboration with other domestic and international organizations to engage engineers in addressing the needs of the poor through capacity building and the development of sustainable and appropriate solutions to poverty. Hear more about WFEO as an active partner in delivering the Millennium Development goals.

### Ice Breaker Reception

5:45 – 7:30 p.m.

*(Separate ticket required) Additional ticket fee: \$30*

Kickoff the Annual Conference with this great opportunity to network with your friends and colleagues. All registrants are invited to attend this event which provides a great opportunity to meet and network with ASCE national officers and many of the top civil engineers in the country as well as international engineers from around the globe. Detailed information will be available on the ASCE website to join in on the festivities for a local Dine-Around.

### International Dinner

7:00 – 10:00 p.m.

*(Separate ticket required) Registration fee: \$105*

Join your international colleagues for a relaxing evening of great food, great company and great music. Take advantage of this opportunity for a networking evening before the official start of the Conference.

**FRIDAY, OCTOBER 20**

### Leadership Luncheon

12:00 – 1:30 p.m.

*(Separate ticket required) Additional ticket fee: \$50*

The Leadership Luncheon will feature an awards presentation honoring engineering management leaders in the private and public sectors. Join us in celebrating these leaders who have made significant contributions to the profession and their com-

munities, including the John I. Parcel-Leif J. Sverdrup Civil Engineering Management Award, Edmund Friedman Professional Recognition Award, Civil Government Award, and Government Civil Engineer of the Year Award recipients.

### Gala Banquet

7:00 – 10:00 p.m.

*(Separate ticket required) Registration fee: \$105*

Don't miss this opportunity for an evening of culinary delight and an opportunity to mingle with your peers and colleagues. This event will prove to be an enjoyable experience.

Be sure to join us to celebrate the induction of the Society's newest Honorary Members. Honorary Membership is the highest distinction the Society bestows. It designates individuals who have attained "acknowledged eminence in the field of engineering." Congratulations to this year's outstanding individuals.

You will be truly inspired by the great contributions they have given to the Society, the profession and to ASCE during their distinguished careers.

**SATURDAY, OCTOBER 21**

### Order of the Engineer Ceremony & Breakfast

7:00 – 8:00 a.m.

*(Separate ticket required) Registration fee: Breakfast \$40  
Induction \$15*



ASCE President Dennis R. Martenson, P.E., BCEE, F.ASCE, President-elect William Marcuson III, Ph.D., P.E., Hon.M.ASCE and ASCE Executive Director Patrick Natale, F.ASCE, invite you to participate in the Order of the Engineer Ceremony.

The Order of the Engineer was initiated in the United States to foster a spirit of pride and responsibility in the engineering profession, to bridge the gap between training and experience, and to present to the public a visible symbol identifying the engineer—a stainless steel ring. More information on the Order of the Engineer can be found at [www.asce.org/professional/orderengineer.cfm](http://www.asce.org/professional/orderengineer.cfm).

Participants will take the Obligation of the Engineer and receive a certificate and stainless steel ring.

### Editor's Workshop

2:00 – 5:00 p.m.

**Johanna Reinhart**, Director, ASCE Publications  
**Jackie Perry**, Managing Editor, ASCE Publications

The Editors' Workshop provides a forum for the chief editors of ASCE journals to discuss publishing opportunities, seek solutions to ongoing challenges, share experiences, and celebrate their accomplishments.

### Social Event – Taste of Chicago

6:00 – 10:00 p.m.

*(Separate ticket required) Registration fee: \$15*

You are invited to meet other ASCE members young and old at the "Taste of Chicago" Saturday evening at the hotel. Come sample some of the many different "Chicago Style" foods that have made Chicago famous, and maybe even some Eli's Cheesecake. A DJ will also allow you to show off your latest moves on the dance floor.

### Past & Active Officers Dinner

7:00 – 10:00 p.m.

*By invitation only*

## Tour Information

**SATURDAY, OCTOBER 21**

### 2006 ASCE Conference Tours

Following the ASCE Annual Business Meeting, tours will depart from the Westin Chicago hotel. Three tour options are available. Attendees will have the opportunity to tour Chicago's unique Architecture history by boat and by foot, a tour of Chicago's "Green Roofs", or a tour of the ASCE award winning "Tunnel and Reservoir Plan" by the Metropolitan Water Reclamation District of Greater Chicago. Choose from one of the three detailed below. Subject to change, times approximate.

A modest fee of \$15 will be charged to offset costs. Please mark the registration form accordingly for the number of tickets you are requesting. No refunds will be made for cancellations received after Friday, September 30, 2006.



### Architectural Boat and Walking Tour

**2:15 – 5:45 p.m.**

A combined architectural boat and walking tour has been arranged with the Chicago Architecture Foundation. This tour will begin just after lunch on Saturday.

The first part of the tour will be by boat, as the Architecture River Cruise spotlights over 50 historic and architecturally significant sites where you'll gain a new perspective of the city of Chicago. You will ride on either Chicago's First Lady or Chicago's Little Lady ship where open-air and indoor seating will add comfort to your journey. The cruise begins at Wacker and Michigan Avenue, a short walk from the hotel and lasts for 90 minutes.

From there, you will then go on the Loop Architecture Walking Tour of Historic Skyscrapers of Chicago. The Home Insurance Building in Chicago is considered to be the first American skyscraper. Discover the historic beginnings of the Chicago School of Architecture and the early skyscrapers built between the 1870s and the 1930s. Buildings featured include the Art Deco Chicago Board of Trade; the Auditorium Building, a Louis Sullivan masterpiece; and the Rookery, a National Historic Landmark. The tour lasts approximately 2 hours and begins on South Michigan Avenue.

### City of Chicago "Green Roof" Tour

**2:15 – 4:15 p.m.**

As of June 2004, more than 80 municipal and private green roofs totaling more than 1 million square feet were in various stages of installation in Chicago. Green roofs improve air quality, conserve energy, reduce stormwater runoff and help reduce the urban heat island effect. The garden's plants reflect heat, provide shade and help cool the surrounding air through evapotranspiration, which occurs when plants secrete or "transpire" water through pores in their leaves. The water draws heat as it evaporates, cooling the air in the process. Plants also filter the air, which improves air quality by using excess carbon dioxide to produce oxygen. Because it believes so strongly in the benefits of green roofs, the City of Chicago adopted a policy that encourages and, in some cases, requires green roofs in developments undergoing City review. The City has installed a number of green roofs on its own buildings. The first municipal green roof in the country, the City Hall rooftop garden, is probably the best-known green roof in Chicago. Unfortunately, it is not open for a public tour.



The tour, in conjunction with the City of Chicago Department of Environment, will take us to some of the green roofs that are open to the public. The green roofs that will be visited are in downtown Chicago. The portion of Millennium Park atop the Millennium Park parking garage IS a green roof!

### Tunnel and Reservoir Plan (TARP) Mainstream Pumping Station and Reservoir Tour

**10:00 a.m. – 4:30 p.m.**

Chicago proved itself as a clean water pioneer a hundred years ago when it reversed the flow of the river to keep sewage out of the Lake Michigan. Now Chicago is the only metropolitan area that's using this unique tunnel and reservoir technology to keep the waterways clean. In the mid 1960's the storm sewers of Chicago had reached their capacity; ordinary rainfalls would flood the basements of thousands each year. The problem escalated to the point that the City would release polluted water from the combined sewers into the local waterways. The worsening combined sewer overflow (CSO) severely polluted area waterways resulting in river back flows to Lake Michigan, closing beaches.

After numerous studies by many agencies the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) proposed TARP or the "Deep Tunnel." TARP consisted of 52 cities and villages including the City of Chicago serving nearly 3.5 million people. The District officially adopted the project in 1972. TARP would be broken up into two phases of construction, which began in 1975. Phase I would consist of 109.2 miles of deep tunnels ranging from 9 to 33 feet in diameter and from 150 to more than 300 feet in depth with over 250 drop shafts and was primarily for pollution control. Phase II consisted of reservoirs primarily for flood control for the Chicagoland combined sewer area, but will considerably enhance the pollution control benefit being provided under Phase I. Consisting of three large reservoirs, the Phase II plan is called the Chicagoland Underflow Plan (CUP) and is being designed and constructed by the U.S. Army Corps of Engineers.

The tour will take you to the Mainstream Pumping Station in Hodgkins, Illinois and then to one of the three reservoirs that is a part of the system. A box lunch will be provided.

# Younger and Student Member Activities

**SATURDAY, OCTOBER 21**

## ASCE Student Tour

**2:15 – 5:45 p.m.**

The Student Tours will take you to local civil engineering projects, which could include construction of a new skyscraper, seeing the inner workings of one of Chicago's moveable bridges, and the new lock control house on the Chicago River. Additional information will be available on the web site later this summer.

The Student Tour will provide all students the opportunity to interact with other student members as well as career professionals. The program will begin following the ASCE Business Meeting in the morning. Participants will begin by joining the Younger Member Leadership Symposium and their topic "Leadership Development—It's My Responsibility". This will include, identifying leadership traits, identifying technical expertise, and developing communication skills (written and verbal).

Students are encouraged to come early and attend the Friday sessions on "Surviving the Future".

## Daniel W. Mead Award Symposium

**9:45 – 10:30 a.m.**

This year's Mead theme asks **Younger Members** the question "Is it ethical to transfer risk of a construction project solely to the Contractor indemnifying the Design Engineer and Owner?" The National Younger Member winner will present his/her paper at this session. Student members are invited to this session, and door prizes will be awarded!!!

**Moderator: Peter Moore, P.E., M.ASCE,** Chen and Associates, Ft. Lauderdale, FL

**Presenter: National Younger Member Paper Winner, Robert Parish,** Seattle Section

## Joint Younger Member/Student Member Leadership Symposium

**10:30 a.m. – 12:00 p.m.**

**Topic: Leadership Development—It's My Responsibility**

This session will focus on management techniques to develop young engineers into task managers and project managers. This presentation will parallel to the personality traits discussion later in the program.

**Sponsored by** Parsons Brinckerhoff

**Moderator: Eric Fisher, P.E., M.ASCE,** Brown & Gay Engineers, Inc., Houston, TX

**Speaker: Honorable James A. Rispoli, P.E., F.ASCE, F.SAME,** Assistant Secretary of Energy, US Department of Energy Office of Environmental Management

## CYM Awards Presentation and CYM Report

**2:00 – 2:15 p.m.**

**Moderator: Peter Moore, P.E., M. ASCE,** Chen and Associates, Ft. Lauderdale, FL

## Younger Member Leadership Symposium I

**2:15 – 4:00 p.m.**

**Topic: Project Manager Forum**

This session will include a discussion of the civil engineering disciplines of transportation, construction, and private development. Management styles for the various disciplines of civil engineering vary with different critical design and coordination elements. Attendees will gain valuable project management skills from the experiences of the Forum speakers. Questions to the speakers are encouraged.

**Sponsored by** Parsons Brinckerhoff

**Moderator: Eric Fisher, P.E., M.ASCE,** Brown & Gay Engineers, Inc., Houston, TX

**Presenters: TBA**

## Younger Member Leadership Symposium II

**4:00 – 5:00 p.m.**

**Topic: Working with Differing Personalities**

This interactive session will focus on how to recognize and handle differing personality traits. The presenters will offer their perspectives from personal experiences.

**Sponsored by** Parsons Brinckerhoff

**Presenters: TBA; Deepal Eliatamby, P.E., M.ASCE,** Alliance Consulting Engineers, Inc

**Moderator: Eric Fisher, P.E., M.ASCE,** Brown & Gay Engineers, Inc., Houston, TX

# ASCE Activities

**SATURDAY, OCTOBER 21**



**Patrick J. Natale**



**William F. Marcuson III**

## ASCE Annual Business Meeting

**8:00 – 9:30 a.m.**

All conference registrants are encouraged to attend. Be an active part of ASCE and the Annual Business Meeting. ASCE Executive Director, Patrick J. Natale, P.E., F.ASCE will report on the state of the Society followed by the induction of the new ASCE officers, Board of Direction members and the inauguration of ASCE's new President, William F. Marcuson III, Ph.D., P.E., Hon.M.ASCE.

Presentation of the Society awards to the 2006 recipients will follow. Through these awards the Society recognizes excellence in contributions, achievements and written work.

## ASCE Board of Direction and Institute Committee Meetings

**9:45 a.m. – 5:00 p.m.**

Contact your chair for more information and to confirm if your committee will be convening.

## Council of Presidents and Leadership Breakfast

**Saturday, October 21 – 1:00 – 5:00 p.m.**

**Sunday, October 22 – 8:00 a.m. – 12:00 p.m.**

*Registration fee (Separate ticket required):*

*Leadership Breakfast—\$40 Council of Presidents and Leadership Breakfast—\$60*

At the Leadership Breakfast, several successful Sections and Branches will be honored for their good work. Newly installed President Marcuson, Ph.D., P.E., Hon.M.ASCE and President-elect David G. Mongan, P.E., F.ASCE will provide attendees with their insights for the future of ASCE and field questions about topics of interest. Attendees will also interact with other national and region leaders, and senior ASCE staff.

At the Council of Presidents, information will be shared and discussed on the following topics: Providing Continuing Education to your Members, Championing the Infrastructure, 2007 State Public Affairs Program, Ten Steps to Better Media Coverage, Resolving Difficult Section/Branch Challenges and Issues, the Status and Activities of your Region, Strategic Issues for our Profession, Your Relationship to the Civil Engineering Forum for Innovation, Opportunities with West Point Bridge Design Contest, Updates on Policy 465, and Starting and Operating Technical Groups and Institute Chapters. Roundtable discussions allow for questions to be addressed and best practices to be shared, extending your ASCE knowledge and supporting you in your leadership role.

**SUNDAY, OCTOBER 22**

## ASCE Board of Direction and Institute Committee Meetings

**8:00 a.m. – 5:00 p.m.**

## Pre-Conference Activities

### Short Courses

The ASCE Illinois Section includes 6 technical groups, some of whom have offered to host pre-conference sessions at the ASCE Annual Civil Engineering Conference. PDHs will be awarded to participants. A summary of the pre-conference sessions follows:

#### WEDNESDAY, OCTOBER 18

### WIN TR-20 HYDROLOGIC MODELING SEMINAR

8:00 a.m. – 12:00 p.m.

The Environmental Engineering and Water Resources Group of the Illinois Section of ASCE is sponsoring a half-day WIN TR-20 hydrologic modeling seminar in conjunction with the ASCE Annual Civil Engineering Conference. This seminar is intended for people familiar with TR-20 applications and interested in using the Windows application for TR-20, released by the NRCS in January of 2005. The seminar will include a review of basic TR-20 concepts and theory, overview and step-by-step instructions for using WIN TR-20, and examples of practical application. Each attendee will receive a certificate for 4 Professional Development Hours (PDH). Class size is limited to 25 people.

**Sponsored by:** ASCE Illinois Section Environmental Engineering and Water Resources Group

**Moderator:** Patrick M. Lach, P.E.

**Cost:** \$100

### CSS - CONTEXT SENSITIVE SOLUTIONS FOR TRANSPORTATION PROJECTS

8:00 a.m. – 5:00 p.m.

In the first part of this class, design professionals and local agency owners involved in Phase I & II transportation work will be exposed to the basic concepts of CSS. The discussion will focus on the knowledge and skills to collaboratively develop transportation projects by addressing the needs of a broad range of stakeholders and special interest groups. The attendees will learn the CSS process by using actual case studies to identify critical issues early in the planning, context audit processes and programming. Attendees will learn to identify and involve stakeholders in the stakeholder involvement process. The class will also include a review of the local agencies responsibilities and department guidelines as they relate to CSS.

In the second part of this class, presenters will discuss the integration of aesthetics into the CSS process as the project moves through the planning, design, construction and operation phases. The class will also discuss how to evaluate alternatives in design flexibility. The successful implementation of CSS in the renewal of Chicago's Lake Shore Drive will be highlighted.

**Sponsored by:** ASCE Illinois Section Transportation Group and Illinois Department of Transportation

**Moderator:** Dave Palia, Design Services Coordinator, IDOT District One

**Cost:** \$195

#### THURSDAY, OCTOBER 19

### URBAN TRANSPORTATION RENEWAL: US & INTERNATIONAL EXPERIENCE

8:00 a.m. – 5:00 p.m.

Transportation renewal in an urban environment presents unique challenges for both the designer and owner. In the first part of this two-part series, presenters will review significant transportation renewal projects from local communities in and around Chicago, IL. Four significant transportation renewal projects from the local region will be highlighted including the I-80 Kingery Expressway and I-90/94 Dan Ryan Expressway in downtown Chicago and the I-74 downtown arterial in Peoria, IL. The New Mississippi River Crossing in Collinsville will also highlight the US experience. Discussions will focus on implementation of Context Sensitive Solutions throughout the project (Planning, Design and Construction).

In the second part of the series, the challenges of urban transportation system renewal in a region of the world that lacks a strong, established government, a critical lack of quality constituent building materials and skilled labor force can be daunting. The challenges which were and are being overcome to restore and revitalize transportation systems in Kuwait and Iraq will be reviewed. Discussions will also focus on cooperative efforts between local and US organizations, and how these have benefited the people affected by the new transportation systems.

**Sponsored by:** ASCE Illinois Section Transportation Group and Illinois Department of Transportation

**Moderators:** Doug Knuth, Vice President, Edwards and Kelsey and Craig Johnson, Vice President, Stanley Consultants, Inc.

**Cost:** \$195

### Workshops

#### MONDAY, OCTOBER 16 – WEDNESDAY, OCTOBER 18

### WFEO Executive Council Meeting

ASCE is proud to host the World Federation of Engineering Organizations (WFEO) Executive Council meeting October 16 to 18, 2006 in Chicago. WFEO, the world leader for the engineering profession, cooperates with national and international professional institutions for the benefit of humanity. With over eighty national and affiliated members and ten international members representing over ten million engineers worldwide, WFEO offers the possibility of speaking with one voice and the opportunity to influence policy. In the U.S., this single voice provides unprecedented access to the U.S. State Department, USAID, the World Bank, the Inter-American Development Bank and the United Nations. Representing about one million engineers of all disciplines, the American Association of Engineering Societies is the U.S. member to WFEO.

**For further information contact:** Michael R. Sanio at [msanio@asce.org](mailto:msanio@asce.org).

#### WEDNESDAY, OCTOBER 18

### CDRM: Seminar on Efficacy of Preventive Measures for Wind, Quake and Flood

8:00 a.m. – 5:00 p.m.

This year, the ASCE Council on Disaster Risk Management (CDRM) and Committee on Critical Infrastructure (CCI) are jointly sponsoring a one day Symposium on the "Efficacy of Preventative Measures for Wind, Quake, and Flood." The Symposium covers various hazards in the central United States including, but not limited to, floods, hail, tornadoes, and earthquakes, including preparedness and response related to recent hurricanes.

Speakers for this session include, but are not limited to: William J. Hall, University of Illinois; Yumei Wang, State of Oregon; William Graff, URS Corporation; Elliott Mittler, Linda Bourque, Michelle Wood and Craig Taylor - MMC Community Study; E.V. Leyendecker, US Geological Survey; R. Joe Hunt, BWXT; Kishor Meta and Jim McDonald, Texas Tech; Nasin Uddin, University of Alabama; Rose Gere Grant, State Farm Insurance; Richard Little, University of Southern California; Doug Honegger, Dg Honegger Consulting; Chris Powell, University of Memphis; and James Beavers, University of Tennessee.

See ASCE's website for more details. This session includes all materials and lunch for \$195.

## Pre-Conference Activities

**THURSDAY, OCTOBER 19**

### SEI/NIST: Progressive Collapse Best Practices Workshop

8:00 a.m. – 5:00 p.m.

**Moderator:** Jim Rossberg, P.E., M.ASCE, Director, SEI of ASCE

**Speakers:** Donald O. Dusenberry, P.E., F. ASCE, Simpson Gumpertz & Heger Inc. (SGH)

Bruce R. Ellingwood, Ph.D., P.E., F.ASCE, School of Civil and Environmental Engineering, Georgia Institute of Technology

Robert Smilowitz, Ph.D., P.E., M.ASCE, Weidlinger Associates, Inc. (WAI)

H.S. Lew, Ph.D., P.E., F.ASCE, National Institute of Standards & Technology (NIST)

Over the past two years, the National Institute of Standards and Technology (NIST), working with industry experts has prepared a comprehensive guidance document to attempt to capture the best practices on mitigating the possibility of a structural progressive collapse. At this workshop, the draft document will be presented by the lead authors with an opportunity for public comment on the document and expectation that the attendees will provide comments and suggestions on improvements for the next edition of the publication. All attendees will receive a copy of the NIST document in advance of the workshop to provide time for review prior to attending. **Cost: \$75**

### CCI: Disaster Management Workshop Prepare, Respond, and Recover: Engineers' Involvement with Local Disasters

10:00 a.m. – 5:00 p.m.

Sponsored by ASCE Committee on Critical Infrastructure (CCI)



Geared towards engineers and related professionals, this workshop is designed to provide an overview of disaster response and recovery operations and how the engineering community can and should participate. Several case studies from past disaster events will be highlighted, including Hurricane Katrina disaster recovery. The workshop will primarily focus on recovery operations and will introduce attendees to important federal programs and local resources. Finally, the workshop will inform participants on how they can get involved and utilize their skills and expertise in future events. Participants will earn 5.0 Professional Development Hours (PDHs).

The fee for this event is \$50 for ASCE members and government employees and \$100 for non-members. Registration fee includes all workshop materials, refreshment breaks, and lunch. Advance registration is required and attendance will be limited to 50 participants on a first-come, first-registered basis. For additional information, contact Catherine Tehan at [ctehan@asce.org](mailto:ctehan@asce.org) or 703-295-6026. To register visit <http://ciasce.asce.org/CalendarofEvents.html>.

### ASCE Foundation Estate & Financial Planning Seminar

4:00 – 5:30 p.m.

**Gather invaluable financial information and useful tips at the ASCE Foundation's free Estate and Financial Planning Seminar. Learn how estate and financial planning can benefit both you and civil engineering!**



Our guest speaker, Janet Briaud, CFP®, is a nationally recognized expert in financial planning. Married to a civil engineer who is an ASCE member, she is a frequent speaker at seminars and conferences, including NAPFA, FPA and Texas A&M University. As President of Briaud Financial Planning, Janet has been included among Worth Magazine's top financial advisors list since 1994, and Financial Advisors Magazine featured Janet in the cover story of its July 2002 issue. She is the past Chairperson of the National Association of Personal Financial advisors. She has been quoted in national magazines and newspapers including the Wall Street Journal, L.A. Times, New York Times, Kiplinger Personal Finance, Investment News, Registered Investment Advisor, Dow Jones Investment Advisor, Morningstar Investor, Mutual Fund Magazine, Practical Accountant, Bloomberg Financial,

Journal of Financial Planning, Medical Economics; also featured in a chapter of a book authored by Mary Roland, *In Search of the Perfect Model: The Distinctive Business Strategies of Leading Financial Planners*. If you are interested in learning more about Ms. Briaud and the services she provides, we invite you to visit her website [www.briaud.com](http://www.briaud.com).

Since the estate tax limit has been raised substantially and will continue to rise, fewer people have sufficient assets for estate planning to be their primary need. Instead, most families are concerned about how to plan for retirement. Ms. Briaud will discuss investment cycles, the psychology of markets, inflation and deflation, stock market valuations, demographic trends, and the declining dollar.

Ms. Briaud will offer free individual consultations on financial planning issues between 12:00 noon and 3:00 p.m. on the same day of her presentation, if requested in advance. The seminar and consultations are offered free of charge, but space and time are limited, so please contact Jeanne Jacob, Executive Vice President, ASCE Foundation, at 703-295-6342 or [jjacob@asce.org](mailto:jjacob@asce.org) to reserve space for yourself, spouse, and/or guest. For more information about estate and financial planning visit the Foundation's website [www.asce.org/foundation](http://www.asce.org/foundation).

### Sustainability in Practice and Education: A Global Perspective

9:00 a.m. – 12:00 p.m.

**Anticipated Topics and Speakers:**

**Regina Clewlow**, Engineers for a Sustainable World  
FIDIC (International Federation of Consulting Engineers) Project Sustainability

**Bill Wallace**, Management Guidelines

**Jorge Vanegas**, Assessing Sustainability Education Approaches in Engineering and Related Disciplines

**Richard N. Wright, Ph.D., P.E., Hon.M.ASCE**, Practice, Education and Research in Sustainable Infrastructure (PERSI)

To complement the sustainability theme of the international program at this year's conference, this Symposium will focus on "Sustainability in Practice and Education: A Global Perspective." The Symposium will be moderated by Albert A. Grant, P.E., F.ASCE, 1988 ASCE President, who will provide an overview of ASCE's role and activities in sustainable development. ASCE President Dennis R. Martenson, P.E., BCEE, F.ASCE, is expected to provide input, as will other distinguished guests.

**Cost: \$75**

### International Roundtable

2:00 – 5:00 p.m.

**Moderator:** Lt. Gen. Henry "Hank" Hatch, P.E., Hon.M.ASCE

Continuing the themes from the International and Sustainability Luncheons and the Sustainability Symposium, the International Roundtable provides civil engineers from around the world the opportunity to discuss global investment in basic, sustainable civil infrastructure—roads, power, water, and telecommunication, to name a few. These civil engineered systems increase economic growth and reduce poverty, and engineers are key to conceptual and detailed design, project execution, implementation, and operation.



Ms. Kathy Sierra, Vice President of Infrastructure at the World Bank, will make the keynote address, followed by a moderator and international panelists, who will lead the discussions. Officers of ASCE's Agreement of Cooperation Societies, members of the World Federation of Engineering Organizations, and other guests will be on hand to participate.

These questions touch on how engineers should engage with the international lending agencies, how they can effectively influence a country's project decision-making, why engineers are not more supportive of the Millennium Development Goals, how engineers can address corruption, and how the World Bank and other international funding agencies can access the engineering community's experience in capacity building. All annual conference participants are invited to this stimulating interchange.

# Post-Conference Activities

**SUNDAY, OCTOBER 22**

## Fourth Annual Community Service Event— Rebuilding Together

*Let's Make a Difference in Chicago!*

**7:30 a.m. – 5:00 p.m.**



The ASCE Committee on Volunteer Community Service and Rebuilding Together®, an organization devoted to revitalizing houses for low-income homeowners, invite you to spend a day of community service while attending the conference. Make an

impact in the local community by using your skills to help rehabilitate a non-profit facility used by low-income families, the disabled, or the elderly.

**Interested in participating?** Please contact Alicia Karwoski (800-548-2723 ext. 6324, or [akarwoski@asce.org](mailto:akarwoski@asce.org)) and look for more details on the web as they become available.

*Please make sure to check the box on the registration form so that we know of your interest to participate.*

## ASCE Board of Direction and Institute Committee Meetings

**8:00 a.m. – 5:00 p.m.**

# Hotel Information

## Westin Chicago River North

320 North Dearborn, Chicago, IL 60610  
312-744-1900 Main  
312-527-2650 Guest Fax  
[www.westinrivernorth.com](http://www.westinrivernorth.com)

The Westin Chicago River North is a retreat offering a full spectrum of services that provide everything from tranquility to rejuvenation. This remarkable hotel redefines efficient service with a gracious attitude that ensures a truly unforgettable experience.

The Westin Chicago is nestled in the heart of the business and theatre districts, trendy restaurants and art galleries. Guests enjoy scenic views of the Chicago River and an ideal location just steps from fabulous shopping on Michigan Avenue. Overlooking the Chicago River, the Westin offers 424 luxurious guest rooms, including 17 suites, a fully equipped Westin WORKOUT Powered by Reebok Gym, and a full-service business center. Enjoy all-day dining in Ember Grille, or fine spirits and imported cigars in Hana Lounge.

## Nearby Points of Interest

- House of Blues (< 1 mile)
- Goodman Theatre (< 1 mile)
- The Chicago Theatre (< 1 mile)
- The Gene Siskel Film Center (< 1 mile)
- The Merchandise Mart (MMPI) (< 1 mile)
- Ford Center for the Performing Arts, Oriental Theatre (< 1 mile)
- Wrigley Building (< 1 mile)
- City Hall / County Building (< 1 mile)
- Grant Park Rose Gardens (< 1 mile)
- Cadillac Palace Theatre (< 1 mile)

## Accommodations

The room rates for the 2006 ASCE Annual Conference are as follows:

Standard - Run of the House		Deluxe
Single/Double	\$239.00	\$269.00
Triple	\$254.00	\$289.00
Quad	\$279.00	\$309.00
Extra Person	\$25.00	\$25.00

Currently, a 14.9% sales tax is applicable to the quoted room rates. Such taxes are subject to change without notice. Check in time is 3:00 p.m. Check out time is 12:00 p.m.

## Make Your Reservation

To make your reservation within the ASCE Room Block please proceed to the following URL: [www.starwoodmeeting.com/Book/ASCEW06](http://www.starwoodmeeting.com/Book/ASCEW06)

Or, dial 1-312-744-1900 to speak directly with a hotel representative. When calling to make your room reservation; please ask for a room within the "ASCE 2006 Annual Conference Block."

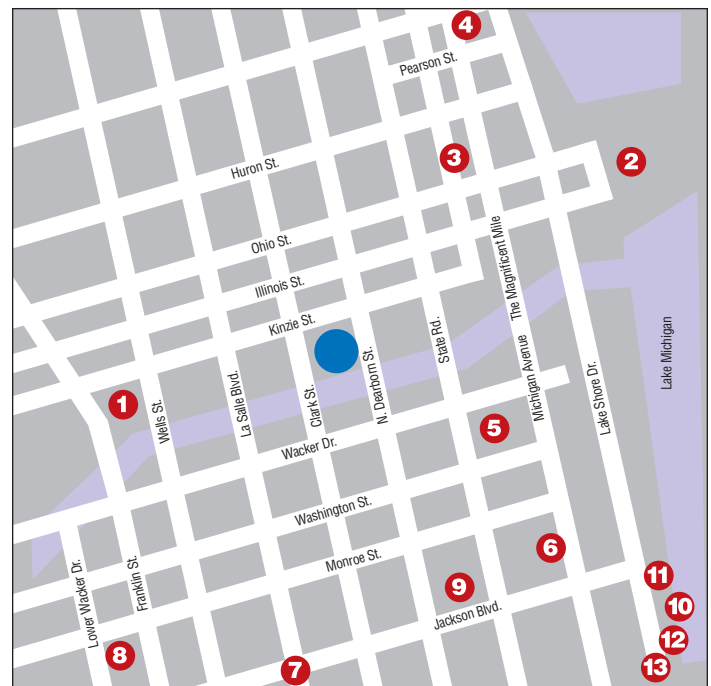
## Reservation Cut Off Date

To qualify for the ASCE Annual Conference rates, reservations should be made no later than **September 22, 2006**.

## Student Housing

Limited special housing rates are available on a first-come, first-serve basis at the Westin Chicago North River Hotel. If you are interested in obtaining this special student rate, please check the appropriate box on the registration form and an ASCE conference services staff member will contact you with more information. You must be registered for the conference in order to qualify for the discounted rate.

## Activity Map of the Area



- Westin Chicago River North
- (1) Merchandise Mart
- (2) Navy Pier
- (3) Shops of Michigan Avenue
- (4) Water Tower Place
- (5) Chicago Theatre District
- (6) Art Institute of Chicago
- (7) Board of Trade
- (8) Sears Tower
- (9) Civic Opera
- (10) Shedd Aquarium
- (11) Field Museum of Natural History
- (12) Adler Planetarium
- (13) McCormick Place Convention Center

## General Information

### ADA COMPLIANCE

The Westin Chicago River North is fully accessible to the physically challenged and includes volume control pay phones, TDD, assistive listening devices, and automatic doors. If you require special assistance at the conference, please submit a written description of your requirements with your registration form or email [conferences@asce.org](mailto:conferences@asce.org) **BEFORE October 7, 2006**. While ASCE will make every effort to meet the needs of the physically challenged, accommodations cannot be guaranteed without prior notification.

### ASCE BOOKSTORE

ASCE will operate its popular bookstore at the Annual Conference in Chicago. ASCE offers more than 400 titles, many of which will be available only at Conference. This is a great opportunity to purchase books dealing with the latest hot topics in leadership, and other topics of interest to civil engineers.

*Visit the ASCE Bookstore near registration.*

### ATTENDEE PACKETS

Early-bird and Advance registrants will receive their name badges and any tickets ordered at the ASCE Registration Desk located in the hotel on the River Level II during registration hours. Early-bird and Advance registrants should present the official ASCE registration receipt to on-site registrars to obtain Conference materials.

### ATTIRE

The dress code for the Conference is business casual (i.e., slacks, casual dresses) to business attire (i.e., neckties, business suits.) Meeting room temperatures will vary, so wear layered clothing to ensure your personal comfort. We also recommend attendees wear comfortable shoes.

### BADGE POLICY AND RIBBONS

Your name badge is your admission to the educational sessions. Please wear your badge at all times while in the Hotel. ASCE recommends you remove your badge when leaving the Hotel. Tickets are required for the pre- and post-conference and special events. Where tickets are required, please be sure to bring your tickets with you to each event as you will not be admitted without a ticket. Ribbons will be available at the Registration Desk.

### BOOK SIGNINGS

Another great reason to visit the ASCE bookstore! Keynotes, Speakers, and Authors may be available to sign copies of their books. Signed books are a great addition to your library, whether for the office or for your personal and professional collection. Visit the bookstore to get information on when your favorite author will be at the ASCE bookstore signing books. Don't miss this outstanding opportunity to meet the experts!

### CITY INFORMATION

For more information on the city of Chicago or the surrounding area please contact the Chicago Convention and Tourism Bureau directly.

### Chicago Convention & Tourism Bureau

2301 South Lake Shore Drive  
Chicago, IL 60616  
Phone: 312-567-8500  
Fax: 312-567-8472  
[www.choosechicago.com](http://www.choosechicago.com)

### MEETING ROOM OVERCROWDING

ASCE will make every effort to schedule popular topics in rooms large enough to accommodate anticipated attendance. Since many topics are extremely popular, it is wise to select alternative sessions as you plan your Conference schedule. ASCE and the Westin Chicago River North Hotel personnel are **REQUIRED** to follow local fire regulations and may ask participants in rooms filled to capacity to choose another session.

### MEMBER SERVICES & ASCE BOOTH

Are you getting the most of your ASCE membership? Keep your skills sharp with discounted rates on conferences, publications and continuing education courses. If you know a colleague who is not a member of ASCE, pass along the professional benefits you enjoy by encouraging them to join.

### NO SMOKING POLICY

ASCE supports a "No Smoking" policy. Smoking is prohibited in the Westin Chicago River North Hotel and all venues hosting ASCE events.

### PARKING INFORMATION AT THE HOTEL

There are several garages close to the Westin Chicago River North Hotel.

- NO COMPLIMENTARY SHUTTLE
- Parking (secure)—\$36-45 Per 24-Hours. (In and Out privileges)
- Parking (surcharge)—\$36-45 Per 24-Hours (In and Out privileges)
- Parking (valet)—\$36-45 Per 24-Hours
- Limo/Town Car Service Available

### Other Parking Options

- Public Lot two minutes walking distance from Westin
- \$20 per night (No In or Out privileges)
- No supervised attendant after 10:00 p.m.

\*If you're driving into Chicago, parking can be found in the many downtown garages and lots. Parking costs for 1-4 hours range from \$7-17, 5-24 hour fees can range from \$15-24. All garages are within six blocks of the Westin Hotel.

### \*APCOA Standard Parking

Michigan Avenue at Washington Street  
(Grant Park North Garage), 312-742-7530

### \*Michigan Avenue at Van Buren Street

(Grant Park South Garage), 312-747-2519

### \*Columbus Drive at Monroe Street

(East Monroe Street Garage), 312-742-7644

### PROFESSIONAL DEVELOPMENT HOURS (PDHs)

You may earn PDHs, which are nationally recognized units of record, by attending conference technical sessions. Please note that there are differences from state to state in continuing education requirements for



professional engineering licensure. Each state licensing board has the final authority to approve course, credits, PDHs, and other methods of earning credits in that state. ASCE strongly recommends that individuals regularly check with their state licensing boards for specific continuing education requirements in their jurisdictions that affect professional engineering licensure and the ability to renew licensure.

### SPOUSE TOUR PROGRAM

*There are exciting things to see and do in Chicago!* ASCE is proud to offer a Spouse Tour Program starting on Thursday, October 19 through Saturday, October 21. Offerings\* will include tours of the Chicago Neighborhoods, Chocolate Shops, shopping, King Tut's exhibit and an architectural boat tour. Visit ASCE's web site in August for more detailed information.

*\* Subject to change without notice.*

### WEATHER

Chicago is one of the greatest cities in the world. With its beautiful lakefront, incredible architecture and cosmopolitan culture, Chicago attracts millions from around the globe every year.

Chicago's a great walking city, so be sure to pack comfortable shoes and clothes. Layering clothes is recommended, especially during the spring and autumn months which can be very unpredictable.

The temperature in October can range in the mid 50's to low 60's, with a wind speed and gusts approximately 17 miles per hour. Not exactly winter coat weather however, it is recommended to bring a jacket just in case.

# Transportation

## AIRPORT INFORMATION

Chicago O'Hare International Airport (airport code ORD) is approximately 18 miles (29 km) from downtown. Chicago O'Hare has four terminals:

<b>Terminal 1</b>	is for United and United Express flights plus Lufthansa departures.
<b>Terminal 2</b>	airlines include Air Canada, America West, Continental, Northwest, United and US Airways.
<b>Terminal 3</b>	airlines include Alaska, American and Delta.
<b>Terminal 5</b>	is the international terminal for most non-US airline departures and all international arrivals

Find Chicago O'Hare flight information, transit services provided, flight time and mileage to help make your Chicago visit planning a breeze. Please call 800-832-6352 or visit [www.ohare.com](http://www.ohare.com)

## AIRLINE INFORMATION

### United Airlines

Attention: Meeting Plus Reservation Center  
Tour/Meeting ID Code: 597CH  
800-521-4041

Hours of Operation: 7-days a week

Monday - Friday

8:00 a.m. - 10:00 p.m., EST

Saturday - Sunday

8:00 a.m. - 8:00 p.m., EST

United Airlines is offering special meeting fares for all attendees of ASCE who use the Special Meeting Desk to book their reservations. Book early and take advantage of the promotional fares that give you the greatest savings! Earn a discount off applicable fares, including First Class. **By purchasing your ticket at least 30 days in advance of your scheduled travel you will receive additional discounts.** Simply call (or have your travel agent call) 1-800-521-4041 and refer to **Meeting ID Number 597CH**. Mileage Plus members receive full credit for all miles flown to this meeting. You or your travel agent should call today, as seats may be limited.

## AIR LINE SHUTTLE SERVICE INFORMATION

### Bus/Shuttle Center

There is a central bus pick-up point located on the ground floor of the central parking garage in the main airport core between Terminals 1, 2 and 3. Follow the signs. From Terminal 5 take the ATS transfer train to Terminal 3 and walk to the bus center.

### Continental Airport Express

Airport Express coaches and vans depart from each terminal for downtown Chicago. Information/booking counters are located in each terminal's Arrivals area near baggage claim.

Departures are every 5-10 minutes with first departure around 6 a.m., last about 11.30 p.m.

- Reservations recommended for groups of 3 or more traveling to downtown Chicago.
- Fare: Around \$46 round trip to downtown Chicago.

**Information at 800 654-7871 or at the Airport Express web site [www.airportexpress.com](http://www.airportexpress.com)**



Wheelchair-equipped vehicles can be pre-booked at 800 654-7871

### Omega Airport Shuttle

There is an hourly shuttle to Midway Airport operated by Omega Airport Shuttle.

The service departs Terminal 5 at 40 minutes past the hour and the Bus/Shuttle Center at Terminals 1/2/3 at 45 minutes past the hour. The first departure is at 6.40 a.m., the last 11.40 p.m. Journey time is about an hour.

- Reservations recommended for groups of 3 or more traveling to downtown Chicago.
- Fare: \$36 Round trip to downtown Chicago.

**Information is available at 773-483-6634 or at the Omega Airport Shuttle web site: [www.omegashuttle.com](http://www.omegashuttle.com)**

## CAR RENTAL INFORMATION

Save on car rentals! Enjoy the many attractions in the Chicago area while at the Conference. ASCE has negotiated discounted car rental rates during ASCE's Annual Civil Engineering Conference.

Hertz Car Rental is the official rental car company for the 2006 Annual Conference. Attendees may reserve rental vehicles through Hertz directly at 800-521-4041. Reference the Hertz code **CDP #11381** or **PC #979731** to obtain your discount. Or reserve online at [www.hertz.com](http://www.hertz.com) and have your discount number automatically included in your reservation, and receive an e-mail confirmation.

## Taxi/Limo Service

There are taxi ranks outside each terminal's Arrivals area. Taxi dispatchers curbside ensure a reasonably smooth operation. Journey time to downtown Chicago is 30-45 minutes depending on traffic. Estimated one-way fare is around \$35-\$40.

## Local Transportation

The Chicago Transit Authority runs a 24 hour train service—the Blue Line—from the airport to downtown Chicago.

From Terminal 1, 2 and 3 Arrival areas follow the signs to the CTA station which is located on the lowest level of the Parking Garage in the main terminal area. Passengers at Terminal 5 take the ATS transfer train to Terminal 3. Blue Line stations Downtown include Washington, Monroe, Jackson and La Salle. The Orange Line to Midway Airport connects with the Blue Line at Clark/Lake station. Journey time downtown is around 45 minutes. Trains run every ten minutes during the day and the estimated fare is \$1.50. More information is available at the Chicago Transit Authority web site at [www.transitchicago.com](http://www.transitchicago.com).

## IMPORTANT SAFETY TIP

**The Blue Line train is a cheap and efficient way from O'Hare to downtown Chicago. For safety it's better not to use the train late at night.**

# Reasons to Attend

- 1 Network with hundreds of other civil engineers from around the world** to get advice, share stories, and make friends, find out that you are not alone out there!
- 2 Best Practices** With the diverse workshops and general session topics, its guaranteed you will take back innovative and creative ideas, strategies, and Survive the Future.
- 3 Time for You** Get away from the office and take a few days to reflect on the importance of your role as a civil engineer. Go home ready to face your work with renewed enthusiasm!
- 4 Credit for Being a Life-long Learner!** Attend a Pre-Conference workshop, technical session, or short course and earn valuable professional development (PDHs) to put towards your professional license. Model life-long learning!
- 5 Advice for the Civil Engineer & A Flurry of Resources** Whether you are just starting as a civil engineer, or a seasoned veteran, there are numerous events that will help you learn how to develop or update your leadership skills. And, the Conference is a great place for veteran civil engineers to share with new ones! The ASCE Conference bookstore will offer a wide range of materials that will interest civil engineers.

# Registration Information

## CONFERENCE PROGRAM & REGISTRATION

Your Conference registration includes the following events:

- Ice Breaker Reception (Thu)
- Continental Breakfast (Fri & Sat)
- Plenary & General Sessions
- Leadership Luncheon (Fri)
- Presidential Reception (Fri)
- ASCE Annual Business Meeting
- Student & Younger Member Programs\*

\* Students and Younger Members will receive a complimentary ticket to the All Hands Lunch on Saturday.

**Registrations will not be processed without payment or copy of a purchase order.**

**PROGRAM AND SESSION CANCELLATION:** ASCE reserves the right to cancel programs and/or sessions because of low registration. In the unlikely event of a cancellation, all registrants will be notified and will receive full refunds, if applicable. Programs and sessions are subject to change and ASCE reserves the right to substitute a program, session and/or speaker of equal caliber to fulfill the educational requirements.

## Registration Rates

ASCE REGISTRATION CATEGORIES	*EARLY-BIRD REGISTRATION	**ADVANCE REGISTRATION	***ON-SITE REGISTRATION
<b>MEMBERS</b>			
Full Member	\$225.00	\$270.00	\$315.00
Younger Member	\$150.00	\$150.00	\$200.00
Student Member	\$50.00	\$50.00	\$60.00
<b>NON-MEMBERS</b>			
SPOUSE/GUEST	\$325.00	\$375.00	\$450.00
	\$60.00	\$75.00	\$100.00

Cutoff dates for registration are as follows:

*EARLY-BIRD	August 31, 2006
**ADVANCE	October 5, 2006
***ON-SITE	ON or AFTER October 6, 2006

## RECEIVE MEMBER RATES

Not a member of ASCE? Join today and save on your annual conference registration. Simply visit [www.asce.org/join](http://www.asce.org/join) or call (800) 548-ASCE (2723) to request an application and/or register for the conference. For more information on member benefits, go to [www.asce.org/membership](http://www.asce.org/membership). **NOTE:** You must be a member in good standing to qualify for the member rates.

## EARLY-BIRD REGISTRATION DISCOUNT

ASCE invites registrants to take advantage of the early-bird registration discount. The deadline for early-bird registration is **August 31, 2006**. Registration forms, including complete payment information, must be RECEIVED by this date to qualify for the early-bird registration discount.

## ADVANCE REGISTRATION DISCOUNT

ASCE invites registrants to take advantage of an advance registration discount. The deadline for advance registration is **October 5, 2006**. Registration forms, including complete payment information, must be RECEIVED by this date to qualify for the advance registration discount.

## ON-SITE REGISTRATION

Registration forms received **AFTER October 5** will not be processed. After this date on-site registration will be necessary. Please be prepared to complete an on-site Registration Form at ASCE Registration located in the Grand Ballroom Lobby. A PDF form is available online for your convenience.

## SPOUSE/GUEST REGISTRATION

Spouses and guests may attend all Conference functions but must purchase separate tickets for those designated events. Registration also includes a continental breakfast on Friday and Saturday.



## CONFIRMATION OF REGISTRATION

A confirmation will be mailed to all advance registrants within three weeks of registering for the conference. Advance registrants will receive their name badges and any tickets ordered at the ASCE Registration Desk located in the Grand Ballroom Lobby during Registration hours. If you do not receive confirmation within three weeks, please contact ASCE registration at 1-800-548-2723 and ask to speak with the conference registrar.

## PAYMENT INFORMATION

Acceptable forms of payment include:

- **CHECK** payable to ASCE/Annual Conference 2006  
(in U.S. dollars, drawn on a U.S. bank - you must include attendee's name in the memo area of the check)
- **CREDIT CARD** VISA, MasterCard, American Express, Diners Club and Discover
- **PURCHASE ORDER** P.O. #, company name & address or other billing address  
(this includes Government PO use)

Mail registrations to:

**ASCE Annual Conference, P.O. Box 79668, Baltimore, MD 21279-0668.**

**OR you may register online at [www.asceannualconference.org](http://www.asceannualconference.org)**

**Full payment MUST accompany all registration forms.**

## CANCELLATIONS/REFUNDS

If a registrant must cancel his/her Conference registration, ASCE must receive the cancellation notice in writing or via email. A refund will be issued, minus a \$50 processing fee, if the cancellation notice is received by ASCE twenty-one (21) days or three weeks prior to the start of the Conference date. **No refunds will be made for cancellations received after the three-week deadline of Friday, September 30, 2006.** Please send cancellations to [jdailey@asce.org](mailto:jdailey@asce.org) or fax to 703-295-6144.

## ON-SITE REGISTRATION HOURS

Wednesday, October 18	7:30 a.m. – 5:30 p.m.
Thursday, October 19	7:30 a.m. – 6:00 p.m.
Friday, October 20	7:00 a.m. – 6:00 p.m.
Saturday, October 21	7:00 a.m. – 6:00 p.m.
Sunday, October 22	8:00 a.m. – 2:00 p.m.

**ASCE ANNUAL CIVIL ENGINEERING CONFERENCE – CHICAGO06**  
**OCTOBER 19-21, 2006 – WESTIN CHICAGO RIVER NORTH**



(Please PRINT or TYPE all information)

**Register by August 31, 2006 to SAVE!**

First Name \_\_\_\_\_ MI \_\_\_\_\_ Last Name \_\_\_\_\_ Credentials \_\_\_\_\_

Nickname/First Name for Badge \_\_\_\_\_

Company/University \_\_\_\_\_ Title \_\_\_\_\_

Address 1 \_\_\_\_\_

Address 2 \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Postal Code \_\_\_\_\_ Country \_\_\_\_\_

Work Phone \_\_\_\_\_ Cell \_\_\_\_\_ Phone Fax \_\_\_\_\_

Email \_\_\_\_\_  ASCE Member Number \_\_\_\_\_

**Or Fax this completed form to**  
**(703) 295-6144**  
**Or PHONE**  
**800-548-2723 (US) or**  
**(703) 295-6300 (International)**  
**Or MAIL this completed form to**  
**ASCE ANNUAL CONFERENCE 2006**  
 P.O. Box 79668  
 Baltimore, MD 21279-0668 USA



An ASCE representative will contact you to discuss your needs if you check any of the following:  
 Require Vegetarian or other special Meal(s)  Require special assistance during the Conference  Interested in Student Housing

**Please answer these questions so that we may serve you better**

- 1 The organization I work for is:  Private  Government  Education  Military  Other
- 2 My position is:  Partner/Principal  Senior manager  Middle manager  Technical/professional manager  Faculty  Student  Retiree
- 3 How many previous ASCE Conferences have you attended, including this one?  0  1  2  3 or more
- 4 My age group:  Under 25  25-34  35-49  50-65  Over 65
- 5 I am:  Male  Female

	Early Bird August 31	Advance October 5	Onsite October 6
<b>Full Registration</b> <i>(Includes: Thursday Ice Breaker Reception, Friday and Saturday Continental Breakfast, Plenary and General Sessions, Friday Leadership Luncheon, Friday Presidential Reception, ASCE Annual Business Meeting, Student and Younger Member Program*)</i>			
<b>ASCE Member</b>	<input type="checkbox"/> \$225	<input type="checkbox"/> \$270	<input type="checkbox"/> \$315
<b>Non-Member</b>	<input type="checkbox"/> \$325	<input type="checkbox"/> \$375	<input type="checkbox"/> \$450
<b>Younger Member</b>	<input type="checkbox"/> \$150	<input type="checkbox"/> \$150	<input type="checkbox"/> \$200
<b>Full-Time Student</b> (valid student ID required at registration desk on site)	<input type="checkbox"/> \$50	<input type="checkbox"/> \$50	<input type="checkbox"/> \$60

\* Students and Younger Members will receive a complimentary ticket to the All Hands Lunch on Saturday

	Early Bird August 31	Advance October 5	Onsite October 6
<b>Guest Registration</b>			
<b>Spouse/Guest Package</b> <i>(Includes: Continental Breakfast Friday &amp; Saturday and Thursday Ice Breaker Reception)</i>	<input type="checkbox"/> \$60	<input type="checkbox"/> \$75	<input type="checkbox"/> \$100

Guest's Name \_\_\_\_\_

Tours	Price
<input type="checkbox"/> Architectural Boat and Walking Tour	\$15
<input type="checkbox"/> City of Chicago "Green Roof" Tour	\$15
<input type="checkbox"/> Tunnel and Reservoir Plan (TARP) Mainstream Pumping Station and Reservoir Tour <i>(For orders of 4+ tickets email jdailey@ASCE.org)</i>	\$15

**REGISTRATION SUBTOTAL:** \_\_\_\_\_

**Additional Tickets**

<b>Wednesday</b>	
<input type="checkbox"/> International Lunch	\$50
<b>Thursday</b>	
<input type="checkbox"/> Ice Breaker Reception	\$30
<input type="checkbox"/> International Dinner:	
<input type="checkbox"/> Beef <input type="checkbox"/> Fish	\$105
<input type="checkbox"/> Sustainability Lunch/Key Notes	\$50
<b>Friday</b>	
<input type="checkbox"/> Leadership Luncheon	\$50
<input type="checkbox"/> Gala Banquet:	
<input type="checkbox"/> Beef <input type="checkbox"/> Poultry <input type="checkbox"/> Vegetarian	\$105
<b>Saturday</b>	
<input type="checkbox"/> Order of the Engineer with Breakfast	\$40
<input type="checkbox"/> Order of the Engineer Ceremony Only	\$15
<input type="checkbox"/> Taste of Chicago	\$15
<b>Sunday</b>	
<input type="checkbox"/> Leadership Breakfast	\$40
<input type="checkbox"/> Council of Presidents and Leadership Breakfast	\$60

**Pre-Conference Activities**

<input type="checkbox"/> CDRM Seminar	\$195
<input type="checkbox"/> SEI/NIST Workshop	\$75
<input type="checkbox"/> Win TR-20 Hydrologic Modeling Seminar	\$100
<input type="checkbox"/> CSS - Context Sensitive Solution for Transportation Projects	\$195
<input type="checkbox"/> Urban Transportation Renewal: US & International Experience	\$195
<input type="checkbox"/> Sustainability Symposium	\$75

**Post-Conference Activities**

<input type="checkbox"/> Fourth Annual Community Service Event—Rebuilding Together	Volunteer
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**ADDITIONAL TICKETS AND ACTIVITIES SUBTOTAL** \_\_\_\_\_

**GRAND TOTAL** (Pay this amount) \_\_\_\_\_

**Register by August 31, 2006 and SAVE!**

For complete Conference Information and to register, visit [www.asceannualconference.org](http://www.asceannualconference.org)

**PAYMENT**

Check (Payable to ASCE Annual Conference 2006)

To Pay Registration by Check:  
 Make Congress registration check payable to ASCE Annual Conference 2006 and mail this form to ASCE Conferences & Expositions, P.O. Box 79668, Baltimore, MD 21279-0668, USA. Checks must be issued in US dollars, drawn on US banks.

Credit Card

AMEX  VISA  MC  DISC  DINERS

Card Number \_\_\_\_\_

Expiration Date (MM/YY) \_\_\_\_\_

Cardholder Name \_\_\_\_\_

Total to be Charged \_\_\_\_\_

Government PO# \_\_\_\_\_

To qualify for early pre-registration discount, register online, call, fax, or postmark payment by August 31, 2006. REGISTRATIONS WILL NOT BE PROCESSED WITHOUT PAYMENT OR COPY OF PURCHASE ORDER.

**Cancellations**

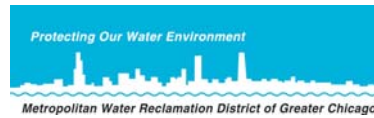
Additional Event Tickets will be fully refunded, if cancelled in writing by **September 30, 2006**. Fax cancellation request to (703) 295-6144. NO REFUNDS WILL BE MADE FOR CANCELLATIONS RECEIVED AFTER **SEPTEMBER 30, 2006**.

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For additional information on Sponsorships at the ASCE Civil Engineering Conference 2006,  
please contact Marcia Saumweber of the ASCE Foundation at 703-295-6347 or [msaumweber@asce.org](mailto:msaumweber@asce.org)

## Who Should Attend

- Practitioners
- Engineering Educators
- Government Employees
- Private Sector Employees
- Younger and Student Members
- Other Engineering Professions interested in protecting and strengthening our Civil Infrastructure!

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