

Los Angeles Section

Monthly: Est. 1913

ORANGE / SAN_BERNARDINO/RIVERSIDE / SAN_LUIS_OBISPO / SANTA_BARBARA/VENTURA / DESERT /
SOUTHERN SAN_JOAQUIN / METROPOLITAN LOS ANGELES

PRESIDENT'S MESSAGE

Greg Heiertz, P.E.
Los Angeles Section President



Leading the Discussion

"Entrusted by society to create a sustainable world and enhance the global quality of life, civil engineers serve competently, collaboratively, and ethically as master: leaders in discussions and decisions shaping public environmental and infrastructure policy." ASCE Vision 2025

William Mulholland, renowned civil engineer and the third President of the Los Angeles Section of ASCE, was once encouraged to run for Mayor of the City of Los Angeles. He probably could have won the office easily, having achieved fame and admiration for his engineering exploits on behalf of the Department of Water and Power. When he was asked if he was considering running for the office he replied "I'd rather give birth to a porcupine backward". This is the way a lot of us feel about involvement in electoral politics. We have to get over it. If we are going to be "leaders in discussions and decisions shaping public environmental and infrastructure policy" we are going to have to immerse ourselves in the political process. Fortunately, ASCE gives us a variety of ways to do this.

The National, State and Local Infrastructure Report Cards have captured the imagination of politicians, the media and the public at large. President Obama mentioned the National Report Card in his State of the Union speech. The president took note of the "Ds" ASCE gave the nation's infrastructure when he said, "Our infrastructure used to be the best – but our lead has slipped. South Korean homes now have greater internet access than we do. Countries in Europe and Russia invest more in their roads and railways than we do. China is building faster trains and newer airports. Meanwhile, when our own engineers graded our nation's infrastructure, they gave us a "D." Mike Rowe, star of Dirty Jobs also touted the report card in a recent episode of the popular TV show. Mike reflects on the ASCE Infrastructure Report Card while featuring stories about the workers who maintain and improve our sewers, waterways, energy grid, waste management, and roads, bridges, railways, and airport runways. Last month, I was invited, as President of the Los Angeles Section, to discuss the Infrastructure Report Cards on a local radio program. I am frequently asked by reporters and members of the public to comment on the grades ASCE has given our infrastructure. The Report Cards are a powerful communications tool for civil engineers to get out the message about the deplorable state of our public infrastructure. I urge everyone to become familiar with them as a means of participating in the infrastructure policy discussion.

This month ASCE Region 9 is sponsoring the annual Infrastructure Symposium in the Sacramento. The symposium features such topics as roads and highways, bridges, high speed rail, water supply, and flood control. The program includes current information on Federal and State priorities, alternate modes of funding, the stimulus plan, gas tax, restructuring, and more. There will also be discussion of National and Statewide Report Cards which will identify and bring attention to infrastructure support and renewal in California. Along with the Symposium, the Region is sponsoring the annual Legislative Fly-in Program in Sacramento. The fly-in provides an opportunity for practicing civil engineers

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Spring Forward

Engineering is a tricky profession. A lot is expected of us but the recognition seldom comes or never sought. Our Section President Greg Heiertz, P.E. said it well in his quote of William Mulholland when asked if he would run for mayor of Los Angeles. A lot of engineers would rather stay out of the limelight, and that is a matter of preference. However, echoing what our Section President said, in order to effect significant change, we must participate at the table. Enough is enough you may say in all of the infrastructural issues that we hear everyday. But without representation, we do not have a voice. Without representation, we are simply at the mercy of those who we think reflect the core issues we want discussed.

Becoming an active member of the community should start at the very young age. I think that children should be thought to reason out solutions to issues. That, however, requires a lot of mentoring, a lot of nurturing, a lot of handholding in the beginning, but in the end would bear significant fruit. I have always talked to my son about issues in the world and how all of these are interconnected with one another. As an engineer, I always provide him with a holistic, sustainability-related perspective on issues with emphasis on cause and effect. That is, if we give in to one agenda and give up on another, someone somewhere would get affected. I have carried this mission over to other kids in my son's school and last month, during Engineers' Week I had an opportunity to further promote "engineer-think" to a few high school kids at Garfield High School in East Los Angeles. Brent Siemer, P.E., Region 9 Governor, carries this momentum in this issue. He encourages each one of us to become not only mentors, but become active participants in our school chapters of choice. Maybe it is time to go back to your alma matter?

Finally, continuing education. Jerry Burke, P.E., Past Chair of the Society Committee on Continuing Education, provides us his perspective on furthering our lifelong learning objectives. We have heard it before, "Other professions do it, how come engineering professionals do not"; "We need continuing education to make us current with our ideas involving our profession", etc. Bottomline is, we should not abandon any opportunity to learn new things. Our state of technology is consistently evolving. What we know now, may not necessarily be true tomorrow. We are what we make of ourselves. I am sure none of us would like to become "dinosaurs".

Enjoy this issue of your newsletter!

Thanks.

_ Dr. Cris B. Liban, P.E.

Reminder:

Copy deadline for the Apr. 2011 issue is Mar. 1, 2011; copy deadline for May. 2011 issue is Apr. 1, 2011.

PASS IT ON

By Brent Siemer, P.E., F.ASCE

Region 9 Governor

brent.siemer@gmail.com



"The man who graduates today and stops learning tomorrow is uneducated the day after," Newton D. Baker, American politician.

A civil engineer's learning is never complete and they say the best way to learn is to teach. Not surprisingly, sharing your passion for civil engineering is the easiest way to do just that. Whether as a mentor who has enjoyed a long career or as a protégé just starting out, both can learn from each other. You may be looking for career advice from someone in your field. Alternatively, you may be a mid-career professional with advice to offer. All can benefit from mentoring.

Did you know that January was National Mentoring Month?

ASCE believes in the power of mentoring, and has developed many resources to help its members become successful and innovative mentors. If you are interested, the "eCareerMentor" website provides detailed information regarding establishing mentoring programs, the roles of mentors and protégés, and case histories of successful mentoring relationships. Here's the website: <http://www.asce.org/AggregateContent.aspx?id=2147484986>.

Many Sections and Branches already offer mentoring programs. The San Diego Section and the San Bernardino and Riverside Counties Branches have each active programs. Perhaps it is time for your Branch or Section to do likewise.

Engineers Without Borders (EWB-USA) needs ASCE volunteers as mentors on important engineering projects in developing communities around the world. There is need for mentoring and expertise in areas ranging from renewable energy, to clean water, to sustainable enterprise development. For more information, here is their link: <http://www.ewb-mentors.org/EWBmentor/>.

Finally, consider reaching out to your alma mater. When was the last time that you called the Faculty Advisor? Have you ever thought how hard it must be for them to run an engineering program, mentor their students, be diligent with their own career AND oversee an ASCE Student Chapter? Some of these Advisors are new to the job and have no prior experience overseeing a Chapter. Your call today might be that shot in the arm to carry them through the rest of the semester.

Have you thought how difficult it must be for the Student Chapter President? With little or no training, they you are taking on projects and herding cats while trying to maintain their own studies. Perhaps you might consider serving as a Professional Practitioner. These engineering professionals are the Chapter's tie to the engineering community and future careers. For the time you commit, you can surround yourself with the energy, enthusiasm, passion and promise that only students offer.

Mentoring does not have to be hard or time consuming, but it will make a difference in someone's life. And that life may just be your own.

Continuing Education for Civil Engineers

*By Jerry L. Burke, P.E. Immediate Past Chair
Society Committee on Continuing Education*

In late January of this year, the Society's Committee on Continuing Education met in Portland for our annual face to face meeting along with the other committees under the Committee on Professional Practice (CPP). Our first new charge of the year was given to us from the CPP chairman Lee Barco. It is, to prepare a white paper researching continuing education requirements in each state and recommend a uniform continuing education requirement for Civil Engineers in all states.

Our preliminary research tells us 38 of the 50 states require continuing education. California is one of the few states which has no continuing education requirements. Of the 38 which do, it seems the majority require 30 professional development hours (PDHs) over a two year period with a minimum of 2 PDHs in ethics.

Continued education and a pursuit of lifelong learning are needed to stay abreast of continuing changing concepts in our field. NPDES, SUSMP, green building code, greenhouse gases, and sustainability are concepts which have become regulations in the recent years. We as Civil Engineers must take the lead in the development of these and other new policies which affect our profession in order to ensure that they are developed and implemented based on good science and not on emotion. These topics/regulations have a huge financial effect on the public. The projects our profession design, construct and maintain are directly related to protecting and enhancing quality of life. Yet in our state, there are no requirements for continuing education requirements for Civil Engineers.

Professionals such as attorneys, doctors, accountants, dental hygienists etc., are required to acquire PDHs in order to maintain licensing in their field. This ensures every patient is cared for adequately. We Civil Engineers must raise the bar in our field because the decisions we make affect hundreds, even thousands of lives now and in the future.

Think for a minute about the professional development and training you received in your career. What type of regular training could have been better? Please let me know your thoughts how you believe we can implement and improve our profession in the future at jburke@ci.glendora.ca.us.

A Great Idea From the Life Members

The ASCE Life Members' Public Image Committee request that members take their (to be discarded) Civil Engineering magazines to their doctor's office or barber shop and merge them with the stack of magazines. We feel that this will be an effective way to make the general public more aware of what civil engineers do.

to meet with State legislators and their staff to discuss the critical need for increased infrastructure investment in California. The California Infrastructure Report Card is used to focus the discussion on the need to increase California's infrastructure grades.

ASCE will also hold its 11th annual Legislative Fly-in Program in Washington, D.C. in March. The fly-in is an intensive two-day program that provides participants with an inside look at the political process on the national level. The program includes briefings on the latest civil engineering issues pending in Congress. Participating civil engineers then visit with their Representatives and Senators on Capitol Hill to educate and lobby them on the issues. The fly-in is an excellent opportunity for engineers to begin to become "leaders in discussions and decisions shaping public environmental and infrastructure policy."

Last month, the Los Angeles Section sponsored a day long Public Relations University. The PR University is ASCE's public relations training program for civil engineers. During the workshop, participants learned techniques and practical strategies for effective communications through presentations and hands-on PR activities. Topics covered include media relations and public presentations. Each attendee received a PR Toolkit reference guide to help bring the tools from the communications classroom to the civil engineering profession. This is yet another way to lead in the discussions and decisions.

Finally, ASCE offers the following suggestions for becoming more involved in infrastructure and environmental policy:

1. Join the Key Contact Program. Set aside five minutes every Friday morning to read This Week in Washington and keep up with the latest civil engineering issues in Washington and your state capital.
2. Recruit another fellow ASCE member for the Key Contact Program. Participation is free to all ASCE members.
3. Respond to Key Alerts when you receive them. You can write an email to your member of Congress or state lawmaker in a matter of minutes using ASCE's "Six Clicks" Internet Advocacy Website.
4. Familiarize yourself with ASCE's Priority Issues Agenda. These issues are determined through an annual member survey and reflect the interests of the members.
5. Spend 15 minutes on your elected official's website. You can learn a lot in a small amount of time. Look for opportunities to visit with your elected official when he or she is visiting your area, sign up to receive a newsletter, and learn about events in your community.
6. Attend local events with your elected officials. Visit your Representative's website. Many Representatives and Senators list local events they plan to attend and maintain email mailing lists. Engage your elected officials on local civil engineering issues whenever possible.
7. Write opinion editorials on local civil engineering issues for your local newspaper. Elected officials at all levels pay attention to local papers so this is a great way to raise awareness of an issue.
8. Consider running for local elected office. This is the best way to ensure that civil engineers are involved in decisions made at the federal, state and local levels, in spite of William Mulholland's comments.

ASCE Region 9 Fifth Annual California

March 9, 2011

Infrastructure Symposium and Awards Dinner

Hyatt Regency . 1209 L Street . Sacramento

Topics Include

- Communicating the Needs of Aging Water Infrastructure
- Water Funding - Water Bond & User Fees
- Paying for Water Infrastructure in a Post Proposition 26 Environment
- Infrastructure Funding for Water Agencies
- Major Water Projects
- California Water Infrastructure Report Card
- Transportation Needs
- Transportation Funding
- High-Speed Passenger Rail

Speakers (Partial List)

- **DeAnn Baker**
California State Association of Counties
- **Yaz Emrani**
Monterey County Public Works Director
- **Xaavier Irias**
EBMUD, Director of Engineering
- **Phil Isenberg**
Delta Stewardship Council
- **Mike Kincaid**
Winzler & Kelly Consulting Engineers
- **Ray LaHood** (Invited)
U.S. Transportation Secretary
- **Fiona Ma**
CA Assembly Member/Speaker pro Tempore
- **Joseph Ortiz**
San Francisco Public Utilities Commission
- **Bimla Rhinehart**
California Transportation Commission
- **Rob Roscoe**
Sacramento Suburban Water District
- **Richard Sanchez**
California Department of Water Resources
- **Zack Scrivner**
National Surface Transportation Infrastructure Financing Commission
- **Margo Yapp**
Nichols Consulting
- **Roelof van Ark** (Invited)
California High-Speed Rail Authority

Overview

The American Society of Civil Engineers (ASCE) realizes that critical infrastructure systems are facilities and assets so vital that their destruction or incapacitation would disrupt the security, economy, safety, health, or welfare of the public. One of ASCE's top priorities is to raise the grades on California's infrastructure.

This Symposium will address such topics as roads and highways, bridges, high speed rail, water supply, and flood control. The speakers will give you the most current information on Federal and State priorities, alternate modes of funding, the stimulus plan, gas tax restructuring, and more. There will also be discussion of National and Statewide Report Cards which will identify and bring attention for infrastructure support and renewal in California.

Schedule

8:00 a.m. to 9:00 a.m. Registration and Continental Breakfast

9:00 a.m. to 12:15 p.m. Infrastructure Symposium Program

12:15 p.m. to 1:15 p.m. Lunch

1:30 p.m. to 5:00 p.m. Infrastructure Symposium Program

Following the Infrastructure Symposium, you may also register for an evening to celebrate excellence in California Civil Engineering projects and honor the outstanding accomplishments of individuals at the 2010 ASCE Region 9 Awards Dinner.

6:00 p.m. to 7:00 p.m. ASCE Region 9 Awards Registration & No Host Cocktails

7:00 p.m. to 9:30 p.m. ASCE Region 9 Awards Dinner

For additional information or questions visit www.asce.org/region9

Contacts:

Lori Campbell, Administrator, lkc.consulting@sbcglobal.net, 916.965.1536

Infrastructure Symposium: Shahnawaz Ahmad, Chair, sahmad@saassociates.net, 626.821.3456

Awards: Kathy Haynes, Chair, KathyHaynes@KennedyJenks.com, 858.676.7509



ASCE Region 9 represents more than 18,000 ASCE members in the State of California

P.O. Box 2575 | Fair Oaks, CA 95628 | 916.965.1536 | FAX 916.965.6234 | www.asce.org/region9

REGION 9 Fall 2010, Winter 2011 Continuing Education Calendar

Region	DATES	SEMINARS AND COMPUTER WORKSHOP LINKS	Technical Division
9	March 8-11, 2011	Pumping Systems Design for Civil Engineers	Hydraulics & Water Resources
9	March 17-18, 2011	Design Build Contracting	Construction/Development
9	March 17-18, 2011	Water Hammer in Transmission and Distribution Systems	Hydraulics & Water Resources
9	March 24-25, 2011	Risk Assessment in Geotechnical Engineering	Geotechnical/Transportation

Call for Sustainable Project Nominations

The Section Sustainability Committee is seeking nominations of civil engineering projects that use sustainable technologies in their construction or in their operation.

The projects to be submitted must be in construction now or have been completed within 2010. The projects' location must be in the geographic area of the Section.

The projects submitted will be reviewed by the committee for the purpose of use as examples of sustainable technologies used in civil engineering projects and for consideration in awards of merit for sustainability in civil engineering.

Please include in the nomination;

- 1) Photos of the project and the sustainable aspect(s) of the project,
- 2) A description of project and it's sustainable aspect(s) or sustainable construction methods used,
- 3) Contact information on the owner of, designer of, and contractors for the project.

Please submit your nomination to the committee chair, Paul Callaway, by email at Paul@Greenmountainengineering.net. The nomination submittal must have a maximum size of 25 MB. Your submittal must be received by March 31, 2011.

The committee will contact you by phone or email if any additional information is required and or if the project is to receive an award. If you have any questions about the nomination process or the selection process for merit awards please contact the committee chair at the email address above.

**ASCE's 2011
Member-Get-A-Member
Drive Depends on You!**

Post Your Resume or Job to Multiple Web Sites

ASCE in collaboration with other top engineering societies has formed the Engineering & Science Career Network (ESCN). The ESCN allows job seekers to post their resume, and employers to post their jobs, to the ASCE Career Connections website [<http://careers.asce.org/search.cfm>] and have it automatically posted to partner websites. ESCN partners include ASME, ACEC, AREMA, AEG, ASCE.



I'M AT HOME ON THE RAILWAYS

I'M HOME AT ASCE.

Civil engineers are mass transit pioneers and problem solvers, enabling workers to make their journey safely to and from work everyday. ASCE is here to make your professional journey exciting and secure with resources and peer-to-peer networking to keep you informed, inspired and innovative. Rest assured, no matter where you go in your civil engineering career, you'll always have a home at ASCE.



The home for civil engineers and the civil engineering profession.

ASCE® American Society
of Civil Engineers

www.asce.org



RESERVE THE DATE!!!

12th Annual Streets & Technology Conference

Presented by: Southern California Chapter of American Public Works Association

Date: Wednesday, April 20, 2011

**8:00 a.m. – 3:30 p.m.
Carson Community Center
801 East Carson Street
Carson, CA**

Don't miss out on the latest developments in public infrastructure as it relates to design, operations, maintenance and funding. Our potential topics are as follows:

➤ Plans, Specs, and Estimates (PS&E)	➤ Training Supervisors
➤ Right-of-Way 101	➤ Work Zone Delineation
➤ Environmental Permitting CEQA/NEPA	➤ Claim Avoidance
➤ Pavement 101	➤ New MS4 Permit
➤ Drought Tolerant Landscaping	➤ Grants & New Initiatives
➤ Contracting vs. In-House	➤ Balancing CIP Budgets

If you are interested in speaking on any of these topics, please submit your papers ASAP to Sylvia Robles at srobles@santa-ana.org.

If you are interested in being an exhibitor,
please contact:
David Stuetzel at (714) 665-4518 or email at
DStuetzel@hfinc.com.

For more information on the conference,
please contact:
Sylvia Robles at (714) 647-5674 or email at
srobles@santa-ana.org.



GENERAL INFORMATION

Streets & Technology Conference / Complete Streets Conference April 20, 2011 @ Carson Community Center

Fees

APWA Member Price	\$145.00 (Cost includes notebook and lunch)
Non-Member Price	\$165.00 (Cost includes notebook and lunch)

Payment will need to be received by April 8, 2011. If paying by check, please make check payable to **APWA Southern California Chapter**.

Cancellations

If you are unable to attend, a substitute registrant will be welcome in your place. Cancellations must be made in writing by April 8, 2011 in order to receive a refund less a \$20 processing fee.

REGISTRATION FORM

PLEASE PRINT

Select One: Streets & Technology Conference ☐ Complete Streets Conference ☐

Number attending: _____ Check Amount \$ _____

APWA Membership No(s) _____

Name/Title (list each attendee) _____

Company/Agency _____

Address _____

City, State _____ ZIP _____

Telephone _____ FAX _____

Internet / E-mail _____

Credit Card Payment:

☐☐

Charge Amount: \$ _____

Name on the Credit Card: _____

Card Number: _____ Exp. Date _____ CVV#: _____

Signature: _____

Make Checks Payable to: **APWA Southern California Chapter**

Mail completed form to:

Sylvia Robles
Santa Ana Public Works Agency
20 Civic Center Plaza, M-21
P.O. Box 1988
Santa Ana, CA 92701

If you have any registration questions, please call Sylvia Robles, City of Santa Ana, at (714) 647-5674 or e-mail at srobles@santa-ana.org. Fax Number: (714) 647-5670.

DISASTER TRAINING

Classes are being organized for volunteers to help in the event of a major disaster under the auspicious of the State of California Emergency Management Agency (Cal EMA). Classes will be held in ASCE Branch areas when there are sufficient requests. Qualified individuals are California Registered Civil, Structural, Geotechnical, Certified engineering Geologists, or Architects. If you are interested in attending a class, or are interested in arranging a class, please contact the ASCE Disaster Preparedness Committee Chairman.

There is no charge for the class.

The class lasts 4 or 5 hours

The Class can commence as early as 8 AM or after work.

Monday through Friday or on Saturday

Classes will be given for VOLUNTEERS from professional organizations to assess damage, and COORDINATORS from City or County to direct Volunteers for their area. Coordinators may act as Volunteers outside of their area of expertise.

To register for the class submit your name along with your telephone number and e-mail address. You will be contacted when 10 or more request a class. The maximum number in the class should not exceed 20.

If your Branch, or Firm would like to offer the use of its facilities for a class, please register and provide the name of contact person, phone, and E-mail. You will be contacted to make arrangements.

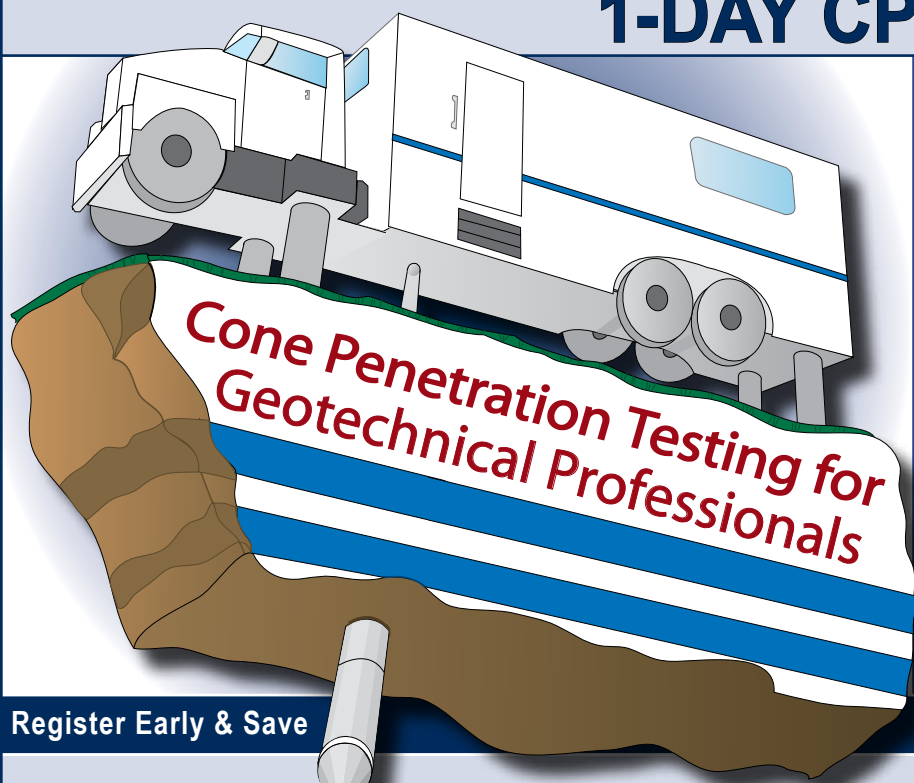
Thank you for your support.

Jack W. Rolston, Chair

818-903-5225 cell • 818-345-9199 ph • 818-345-5283 fx

ascedisaster@earthlink.net

1-DAY CPT SHORT COURSE



**Cone Penetration Testing for
Geotechnical Professionals**

SOUTHERN CALIFORNIA:

Friday - APRIL 8, 2011
Huntington Beach

NORTHERN CALIFORNIA:

Wednesday - APRIL 13, 2011
Berkeley

COURSE INSTRUCTOR:

Dr. Peter Robertson

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2011 STRUCTURAL ENGINEERING REVIEW SEMINARS & MANUAL

Following a decade of successful presentations BYA Publications is pleased to announce the **11th consecutive year of the most comprehensive and value added series of structural engineering seminars in California**. The expanded **12 session program (78 hours)** is comprised of detailed and interactive presentations of a selection of problems and topics targeted for the new NCEES 16 hour Structural Engineer exam and the CA specific exam. Also included are discussions of the most recent developments in structural and seismic engineering. **These seminars also provide the best in-depth review of the latest code provisions even for those not considering taking the S.E. exam.**

“Register early and save up to \$400”

All classes are on Saturdays or Sundays from 8:30 a.m. to 4:00 p.m.

At the La Quinta, 3 Centerpointe Drive, La Palma, CA 90623, Phone: (714) 670-1400

May 14	Wind & Seismic Provisions	Ben Yousefi, MS, SE
May 22	Advanced Analysis/Dynamics	Dr. Farzad Naeim, Ph.D., SE, Esq.
June 11	Concrete Design, Part I	Dr. Cheng Ming Lin, Ph.D., S.E
June 19	Steel Design, Part I	Dr. Michael Engelhardt, Ph.D., PE
July 10	Wood Design	Kelly Cobein, MS, SE
July 16	Steel Design, Part II	Dr. Michael Engelhardt, Ph.D., PE
July 30	Concrete Design Part II	Chris Tokas, MS, SE
July 31	California (CBC) Amendments	Chris Tokas, MS, SE
August 6	Masonry Design	Dr. Chukwume Ekwueme, Ph.D., SE
August 28	Steel Design, Part III	Dr. Michael Engelhardt, Ph.D., PE
September 17	Concrete Design, Part III	Dr. Cheng Ming Lin, Ph.D., S.E
October 1	General Overview/ All topics	Ben Yousefi, MS, SE

**For complete registration information please check our web site
www.strcuturalsolutions.com**

EWRI 2011 Congress Call for Abstracts

The organizing committee of the World Environmental & Water Resources Congress 2011 welcomes abstract submissions for this year's event, being held May 22-26, 2011, in Palm Springs, California.

A variety of tracks and sessions will be hosted at the 2011 Congress. The Environmental and Water Resources Institute anticipates strong participation and a diverse sampling of technical content in the conference program.

Visit the Congress website for a list of sub-topics to supplement the above-listed subject matter. The website also provides additional information on housing, international attendees, tours, and opportunities to sponsor or exhibit in Palm Springs.

For questions, or more information about the 2011 World Environmental & Water Resources Congress, visit the web-site, contact the Congress Technical Chair at ewri2011tc@asce.org, or send inquiries to ewri@asce.org.

If you would like to exhibit or cosponsor the conference please contact Sean Scully at 703-295-6154 or scully@asce.org or Kira Simonson at 703-295-6349 or ssimonson@asce.org.

National ASCE (800) 548-2723 (ASCE)
Access National ASCE at: www.asce.org
L.A. Section web site at:
www.ascelasection.org

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CalRecycle





2011 Tournament Sponsorships

Monday, March 28
Rolling Hills Country Club
27000 Palos Verdes Drive East
Rolling Hills Estate, California 90274



STANTEC	Tournament - \$4,000	Company logo embroidered on Golf Cap and (1) Golf foursome
Available!	Golf Ball - \$3,000	Company logo on golf balls (one sleeve / 3 balls per player)
Available!	Drink Tickets - \$2,500	Company logo on tickets (2 tickets / golfer)
Available!	Lunch - \$2,000	Company logo on signage at luncheon
Available!	Reception - \$2,000	Company logo on signage at the after-golf reception
Available!	Golf Towel - \$1,250	Company logo on golf towels
URS	Pin Flag - \$1,500	Company logo on all 18 pin flags. Flags are yours to keep after the Tournament!
ACEC BIT	Coffee Service - \$800	Greet the golfers with morning coffee service
Abratique & Assoc.	Tees - \$500	Company logo on wooden tees
Available!	Hole Sponsors - \$500 each	Sign with company name or logo at each hole purchased
	Twining, Inc.	

Sponsor Registration

Sponsor Category

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Contact Name

Mailing Address

City, State, Zip

Tel #

Email

Payment Information

Amount due: \$ _____

☐ Check Enclosed

Charge My Credit Card ☐ M/C ☐ Visa ☐ AMEX

Card #: _____

Expiration Date: _____

Name on Card: _____

Payment must accompany registration to guarantee sponsorship. No refunds for cancellations.

ACEC Los Angeles County Chapter

PO Box 41612

Long Beach, CA 90853

T 562-439-3950

F 562-296-9708

office@acec-la.org



California

Los Angeles County Chapter

2011 Golf Tournament Registration

Monday, March 28

Rolling Hills Country Club

27000 Palos Verdes Drive East

Rolling Hills Estate, California 90274



ENTRY FORM

Payment must accompany registration. No refunds for cancellations.

Registration

Company _____
Contact _____
Tel # _____
Email _____
Foursome Name _____

Entry Fees

\$800 / Foursome / Members

\$900 / Foursome / Non-Members

Individual reservations may become available if space allows.

Payment

Total Due: \$ _____

☐ Check Enclosed Please charge my: ☐ Visa ☐ M/C ☐ AmEx

Account #: _____

Name on card: _____

Signature: _____ Expiration date: _____

Return Entry Form with Payment to:
ACEC Los Angeles Chapter Golf Tournament
PO Box 41612
Long Beach, CA 90853
FAX 562-296-9708
Questions: 562-439-3950 office@acec-la.org

ASCE METROPOLITAN LOS ANGELES BRANCH GEO-INSTITUTE and SEI PROUDLY PRESENT:

DESIGN AND CONSTRUCTION OF STEEL SHEET PILING STRUCTURES SEMINAR

Richard Hartman, Ph.D., P.E.
Hartman Engineering



The Design and Construction of Steel Sheet Piling Structures Seminar is a one day class covering topics ranging from design concepts, to practical field problems, through recent product advancements in the design and manufacturing of steel sheet piling.

The seminar will be presented by Richard Hartman, Ph.D., P.E., a leading international expert in the design and construction of steel sheet pile structures. Dr. Hartman is licensed as a professional engineer in 38 states and has over 40 years of experience in the subject. For the past 15 years he has been involved in the research and design of new sheet pile sections and, based on that research, holds four patents for sheet piling sections.

Seminar Content

- Design parameters, layout, and construction considerations for cellular cofferdams
- Design and construction considerations for bulkheads, open cell designs and combination walls
- Design and construction considerations for cofferdams and trenches.
- Properties of steel sheet piling, changes in steel pile manufacturing, concerns regarding performance, tranverse loads, stresses in sheet piling, and redesign of sheet piling sections
- Review of instability of the soil/rock in the bottom of an excavation for steel sheet piling structures
- Questions, answers and conclusions

Date: **July 13, 2011**

Time: 8:00 a.m. to 5:00 p.m.

Place: **CALTRANS**
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