**President's Message**

by Oscar Serrano, P.E., President

**Wow**, February was a very busy month for the Sacramento Section of ASCE. Thank you to all the officers and volunteers who made all of the events possible during Engineers Week and throughout the month. I hope you all enjoyed Engineers Week!

**Maintain a Strong Workforce:**
Looking for someone specific to complete your team? Let us know and we can post your job announcements on the Sacramento Section website.

**Increase Member Involvement:** Congratulations to each of the project award winners. These projects demonstrate what a great service the Civil Engineering profession provides to our communities. A special congratulation goes out to Magnus Pacific whose Natomas Levee Improvement Project won the 2010 Project of the Year.

Congratulations also to all of the students who received awards and scholarships. Thank you to all who donated to the Alfred R. Golze Scholarship Fund and made the scholarships possible. We are always looking for donations to the fund to help deserving civil engineering students excel in the classroom and in practice. Contact us at the e-mail below to find out how to contribute.

**Increase ASCE Legislative Presence:** Each year, the ASCE Region 9 Government Affairs Committee hosts an annual Legislative Day at the Capital. ASCE members from across the state converge on Sacramento to visit with representatives from their respective districts. The goal is to educate Assembly Members and Senators about the deteriorating infrastructure across the state and the lack of funding for infrastructure.

It’s not everyday that engineers have the opportunity to speak to politicians. In the future we will work to provide training to make this process easier.

**Increase Interaction with Students and Younger Members:**
Did you know that this year’s Mid-Pacific Student Conference will be held at the California State University, Sacramento (Sacramento State). Students from Sacramento State are working hard organizing the event. Students from 12 universities across Northern California and Reno will be competing in concrete canoe, steel bridge, water treatment, transportation, geo-challenge and several other competitions. The competitions will be held on April 15th and 16th. If you would like to volunteer or get more information regarding the event please contact: Jeremy Herbert at conference.chair@ascemidpac.org, or visit their website at http://www.ascemidpac.org/home.

Please let us know if you have any comments: sacramentosectiongsd@ermail.asce.org

Thank you,
Oscar

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**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

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The Engineerogram, P.O. Box 1492, Lincoln, CA  95648-1441
(916) 961-2723 (phone and fax) • e-mail: asce@asce-sacto.org • Web site: www.asce-sacto.org

The Engineerogram is the official publication of the Sacramento Section of the American Society of Civil Engineers and made available to ASCE members paying local dues to the Section. It is published regularly at the beginning of the month. To contribute articles, mail, fax, or e-mail to ASCE/Sacramento Section Executive Secretary, Vivian Mevorah, at asce@asce-sacto.org. Deadline for articles is on the 20th of the month prior to the issue.

Advertising Rates:  

- Full Page $250 - A page is 7 1/2” x 9 1/2”
- Half Page $130 - 1/2 page (either horizontal 7 1/2 x 4 3/4; or vertical 3 3/4 x 9 1/2)
- Quarter Page $75 - 3 3/4 x 4 1/4
- Professional Card $150 for a full year - 2 1/2 x 1 1/2 (reduced down from 2 x 3 1/2); OR
- $175 for a full year for 2 x 3 1/2 size business card

Classified Ad in Newsletter or Website $50/100 words - no logo

(To our contributing writers: The Engineerogram reserves the right to make revisions, correct spelling and grammatical errors, to prioritize information and to summarize content. Articles may be shortened as editorial requirements dictate. Questions regarding this policy may be directed to the President of the Sacramento Section. Thank you for your understanding. Editors.)

OFFICER CONTACTS

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<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Contact Information</th>
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<tbody>
<tr>
<td>President</td>
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</tr>
<tr>
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<td>Secretary</td>
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<tr>
<td>Past President 2009-2010</td>
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<td>Executive Director</td>
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<td>YMF Board Representative</td>
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<td>Younger Members Forum President</td>
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<td>Region 9 Chair</td>
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<tr>
<td>Region 9 Sacramento Section Governor</td>
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<td>Capital Branch President</td>
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<tr>
<td>Central Valley Branch President</td>
<td>Anthony Mazzei</td>
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<tr>
<td>Feather River Branch President</td>
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<td>530-879-6911</td>
</tr>
<tr>
<td>Shasta Branch President</td>
<td>Present status is Inactive</td>
<td>-</td>
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INSTITUTES

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<tr>
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<td>Zia Zafir, P.E.</td>
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<td>Construction Institute</td>
<td>Larry J. Smith, P.E., F.ASCE</td>
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<td>Environmental &amp; Water Resources Institute</td>
<td>Pal Hegedus, P.E., D.WRE</td>
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<td>Geo-Institute</td>
<td>Matt Moyneur, P.E.</td>
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<td>Structural Engineering Institute</td>
<td>Joyce Copelan, P.E., MS</td>
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<td>Nader Tamannaie</td>
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<tr>
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<tr>
<td>College Accreditation</td>
<td>Joan Al-Kazili, Ph.D, P.E., M.ASCE</td>
<td>530-756-9530</td>
</tr>
<tr>
<td>Disaster Preparedness</td>
<td>Howard Zabel, P.E.</td>
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</tr>
<tr>
<td>Education &amp; Awards</td>
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<td>916-973-0356</td>
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</tr>
<tr>
<td>History &amp; Heritage</td>
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<tr>
<td>Membership-Life Members</td>
<td>Ray Zelinski, P.E.</td>
<td>-</td>
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<tr>
<td>Scholarship</td>
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<td>California State University, Chico</td>
<td>Samantha Moore, President</td>
</tr>
<tr>
<td>California State University, Sacramento</td>
<td>Jesse Ogren, President</td>
</tr>
<tr>
<td>University of the Pacific</td>
<td>Caroline Grant, President</td>
</tr>
<tr>
<td>University of California, Davis</td>
<td>Karandeep Singh and Neil Hanan</td>
</tr>
</tbody>
</table>
Central Valley Branch Meeting

**Tuesday, March 15th**

For more information about the Central Valley Branch meetings, please contact Anthony Mazzei at amazzei@condorearth.com.

The Sacramento Section is currently looking for volunteers who would like to take a leadership position within ASCE and re-invigorate the Shasta Branch. For more information, contact Section President Oscar Serrano at oserrano@colusa-nsn.gov or Region 9 Governor Fareed Pittalwala at fpittalwala@rbf.com.

Tentative upcoming Meetings:

**March 16th** - Lunch meeting in Yuba City with Martin Roche presenting his experiences with FEMA and the massive Nashville flood in May of 2010.

**April** - Evening Lifetime Member Ceremony and Dinner

If you have suggestions or recommendations for a meeting topic or location, please contact Amie McAllister at amie.steel@gmail.com or Shane Cummings at sdcummings@handk.net. We are looking to increase our membership participation in our monthly meetings and regular community outreach activities, so please drop us an email.

**Capital Branch**

The guest speaker for the March luncheon will be Raymond “Paul” Giroux, M.ASCE. His topic is *Building Hoover Dam - A Short Abstract and Biography*. Please see the flyer on Page 4 of this newsletter.

Please come join your fellow Capital Branch members and attend this very interesting topic about the history and extraordinary achievements of our past civil engineering and construction industry!

Registration through Eventbrite will be sent to you all soon; or, you may e-mail or call Thor Larsen at thor.larsen@edcgov.us or 916-806-9098.
March 2011

ASCE, Sacramento Section,
Capital Branch
March Luncheon

Building Hoover Dam -
A Short Abstract and Biography

Speaker: Raymond “Paul” Giroux, M.ASCE

In the spring of 1931, the United States was in the shadow of the Great Depression. Yet, America boldly made plans to tame the mighty Colorado River by building a great dam near Las Vegas in the Black Canyon. This dam, eventually known as Hoover Dam, was unprecedented in challenges, size and scope. Requiring 3.25 million cubic yards of concrete, building Hoover Dam would require the convergence of extraordinary men, machines and methods in order to meet the challenge.

“Building Hoover Dam” was originally presented in October 2010 at the American Society of Civil Engineers National Conference in Las Vegas, and in honor of the 75th Anniversary of Hoover Dam. Utilizing a combination of historic photographs and dynamic animation techniques, Paul Giroux brings the construction of the dam to life, providing a unique learning opportunity.

Mr. Giroux received his B.S. in Construction Engineering from Iowa State University in 1979. Since then, he has been with Kiewit Corporation for the past 31 years working on a wide variety of heavy civil engineering mega projects throughout the United States. He is a member of the Iowa State University Civil Engineering Advisory Board, the Transportation Research Board, and is a Corresponding Member of the American Society of Civil Engineering History and Heritage Committee.

Please come join your fellow Capital Branch members and attend this very interesting topic about the history and extraordinary achievements of our past civil engineering and construction industry!

Registration through Eventbrite will be sent to all of you soon; or, you may e-mail or call Thor Larsen at thor.larsen@edcgov.us or 916-806-9098.

Hope to see many of you there!
Thor Larsen
President
ASCE- Capital Branch
The following are up-coming Feather River Branch meetings and events. The meetings are open to all civil engineers, architects, geologists, and anyone interested in learning more about the subject matter scheduled to be discussed. As always, contact one the officers listed at the bottom of the page for ideas or suggestions on future events.

March 16, 2011, Wednesday **LUNCH MEETING** at 12:00 pm
Martin Roche, Consulting Civil Engineer
Mr. Roche will discuss his experiences with FEMA and the massive Nashville flood in May of 2010. The storm is estimated to be a 1 in 1000 year event, with rainfall totals of up to 20 inches in 2 days. Damage estimates total over $600 million. His job was to assess damage and repair costs to roads in the Nashville area. Mr. Roche will cover the damage caused by the Tennessee flood and recovery efforts with an emphasis on the Nashville area. The presentation will include a brief summary of Mr. Roche’s FEMA experience on past disasters, along with communication problems between the Corps of Engineers, the National Weather Service, and local emergency agencies.

Martin Roche’s background includes over 45 years as a civil engineer, primarily in the water resources area with the U.S. Bureau of Reclamation and the Turlock Irrigation District. For the past 16 years he has been a consulting engineer in the Modesto and Grass Valley areas. Almost half of his work during this time has been responding to disasters for FEMA.

RSVP is required for Restaurant reservation of banquet room. Send to: amie.steel@gmail.com
Location – El Zarape Restaurant (530-755-2888), 1005 Stafford Way in Yuba City
Lunch cost is $15/person. Student Discount Rate is Free!

Tentative Upcoming Meetings:
April – Evening Lifetime Member Ceremony and Dinner
May – TBD

2010-2011 Branch Officers:
President, Amie McAllister – 530.228.6003; amie.steel@gmail.com
President-Elect, VACANT
Secretary, Tammie Watkins – 530.893.4640; tammie_watkins@URSCorp.com
Treasurer, Radley Ott – rott@townofparadiso.com

Sacramento Regional Science & Engineering Fair

One of the fundamental goals of the American Society of Civil Engineers is to communicate the importance of engineers within our community. The annual Sacramento Regional Science & Engineering Fair provides an opportunity to participate in an outreach to demonstrate how engineers make our community a better place. The fair showcases students in the greater Sacramento region who will become our future scientists, technology experts, engineers, and mathematicians. This regional competition celebrates achievements by middle and high school students, supported by devoted parents, teachers, and other mentors.

Through the annual Fair competition, hundreds of the area’s best and brightest students are challenged to go beyond their classroom studies. They work independently or in teams to conduct research and tackle tough questions in the fields of Computer Science, Environmental Science, Medicine & Health, Chemistry, Biology, and a dozen other categories.

The Sacramento Regional Science & Engineering Fair consistently produces winners who go on to compete and win in state and national competitions, including the prestigious Intel

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Practice Tips

As everyone can appreciate, an engineer must seek to practice the profession in a non-negligent manner and to stay out of litigation. Failure to do so will subject the engineer financial liability, not to mention damage to profession reputation. Even when driven by purely monetary considerations, mistakes are not good. Besides the cost of correcting the mistake and paying for the damages that the mistake caused, there will be the continuing financial consequence of increased insurance premiums, if insurance can be obtained, as well as the costs in terms of lost business arising out of the damage to reputation. In addition, there will be lawyers to pay. So, the engineer would do well to become aware of areas where risks of professional liability have occurred for others and to seek to conduct business in ways that avoid or at least minimize those risks. Following in this article and in future articles are a few areas that come to mind.

Always seek to conform to the professional standard of care. Everyone knows this and has a pretty good concept of what it is. It used to be defined in more local terms but with modern communications, the old “local” has become world wide. It is therefore important to be aware of the latest developments in the profession and what is being currently defined as encompassed within the “standard of care.” Just remember that “you get what you paid for” does not trump “standard of care.” This can be a difficult concept to work around where a client may not want to or be able to pay for the engineering of a project that will comply with the standard of care. Budgetary induced short cuts may see a project to a conclusion but the result may be a disaster waiting to happen. Even if the project limitations and increased risks are fully explained to the client, that will probably still not prevent legal disaster from befalling the engineer whose only defense may be “...but I told you so....” Hard decisions must be made and projects may have to be turned down if there is insufficient money to be sure that the engineer will be able to produce a project that does conform with the standard of care. Not a good place to be in these times.

Seek to have good communications with clients. Where a client’s expectations are not met, an atmosphere can develop that can lead to an unhappy client who will not enhance the engineer’s reputation or prospects for future work, not to mention, enhance the likelihood of litigation. Unmet expectations can easily be the result of bad communication. Starting with the contract and even before the formal terms are set down, it must be clearly understood by both parties as to what is to be expected of the other. For the engineer, this can present special challenges in dealing with an owner who does not have an accurate understanding of what an engineer does. The engineer must seek to learn what the client knows and understands and tailor the communication accordingly. Careful documentation along the process is also a good practice to be sure the client understands and maintains only realistic expectations.

The author’s discussion of legal ramifications of the particular case(s) are provided only for educational purposes and should not be relied on as legal advice. If you have a specific legal problem, please consult with your attorney.
Every year in September, officers, members, and guests of the Sacramento Section of ASCE gather for our annual Installation and Awards Dinner. An important part of the festivities is the presentation of awards offered by our Section for outstanding individual achievement. Each month, in this column, we will profile one of these award-winning engineers.

This month’s outstanding professional: Ray Zelinski, winner of the Frederick W. Panhorst Award for Outstanding Achievement in Structural Engineering.

Ray Zelinski is the most recent recipient of the ASCE, Sacramento Section Frederick W. Panhorst Structural Engineering Award. Ray was presented this award based on achievements during his 40-year career with the Caltrans Division of Structures. Ray worked for 15 years in construction, and 25 years in design with Caltrans, from June 1962 until his retirement in January 2003. During those years, he also served in the military, worked in private while on a leave of absence, and devoted some time to the private sector while on vacation leave.

Ray’s major contribution to Caltrans was the 20 years devoted to bridge seismic engineering while assigned to the design office in Sacramento. He was promoted to a manager of a design section in January 1983, and inherited the role of Bridge Retrofit Specialist. In this role, he had responsibility for developing seismic resistance details for thousands of existing bridges on the State Highway system. He also conducted retrofit training for both in-house and private engineers responsible for delivering bridge retrofit plans. Originally, the emphasis was on superstructure hinge restrainers, but then turned to column retrofits in 1986. Column retrofit details were established and laboratory testing was begun under Ray’s watch. The bridge column retrofit program evolved when funding was approved following the 1989 Loma Prieta Earthquake (LPEQ).

Following the LPEQ, Ray’s seismic engineering role was greatly expanded. He was placed in a new role as manager of a new Office of Seismic Technology (SEITECH). He and his staff were charged with managing activities associated with reconstruction of the damaged double deck structures in San Francisco, managing consultant designers and seismic peer review teams and directing design efforts for the State column retrofit program. In addition, Ray and his team were assigned to manage the new annual $5-million seismic research program established by Caltrans.

Eventually, SEITECH was merged with the Caltrans Bridge Seismic Analysis Office into a single Office of Earthquake Engineering under the direction of Jim Gates. This office of 30 engineers was dedicated to many seismic functions such as seismology, hazards, structure vulnerability, research, isolators, dampers, new products, etc. Ray was appointed to Manager of this office for his final 4 years with Caltrans prior to his retirement.

In Ray’s early years with Caltrans, he was assigned to various construction projects in Southern California. His most prominent assignment was the Pine Valley Creek Bridge (PVCB) located east of San Diego. The PVCB was the first cast-in-place segmental bridge in the U.S. Ray managed the superstructure engineering activities for Caltrans, and eventually served as the Caltrans Structure Representative during the final several months. The experience gained at the PVCB resulted in a temporary advisory assignment on a segmental bridge in Hawaii, and then, while on leave of absence from Caltrans, as Resident Engineer on a major segmental bridge in the Palau Islands, Micronesia, 1975 to 1977.

Independently, Ray was a member of a peer review panel for dozens of bridge retrofits for the City of Seattle; and was a consultant for seismic projects in Washington, South Carolina, New York City, and New Zealand. In addition, he was hosted for one month in 1988 by the Japanese government as a seismic specialist. He has presented papers in more than a dozen national conferences and workshops, and has published articles in ASCE, ACI and SAMPE journals. He also assisted with the two Orthotropic Bridge Conferences held in Sacramento.

Ray and his wife, Carol, have been married 43 years and raised 3 children. For social and recreational activities, they enjoy backpacking, skiing, square-dancing and playing bridge together. In his other spare time, Ray dabbles with golf, bowling, fishing and gardening. When their children were young, Ray was active as coach, referee and umpire in youth sports. He also served as Assistant Scoutmaster for his son’s scout troop.

Ray earned a BSCE degree from Marquette University in 1962. He is a Fellow and Life Member in ASCE and is a Member of ACI.

The Frederick W. Panhorst Award for Outstanding Achievement in Structural Engineering is presented annually by the Sacramento Section of ASCE. The outstanding engineers who have received this award are:

2008 Joyce Copelan
2009 Joyce Copelan
2010 Ray Zelinski

ASCE Region 9 Update

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

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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.

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California State Senate Honors Engineers During E Week

On Friday, February 18, 2011, lawmakers in California passed Senate Resolution 6, relative to National Engineer’s Week, honoring the contribution of engineers to meeting the “major technological challenges of our time.” The resolution was co-sponsored by Senator Alex Padilla and Senator Anthony Cannella, himself a practicing Civil Engineer in Modesto. ASCE Region 9 Governor Fareed Pittalwala was on the floor of the Senate to witness the passage of the resolution, as well as meet with Senators Padilla and Cannella, as they helped “acknowledge the services bestowed upon the citizens of California by engineers.”

ASCE Region 9 Governor Fareed Pittalwala holding a framed copy of Senate Resolution 6 pictured with Senator Alex Padilla (left) and Senator Anthony Cannella (right) at the California State Capitol.
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, green house 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 qual-
ity 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 ade-
quately. 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.

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ASCE Region 9 Spring/Summer 2011 Continuing Education Seminars and Workshops

by Michael W. Cook, Senior Manager, Geographic Services

In our continuing effort to enhance communications between ASCE’s Regions, Sections, and Branches and ASCE Headquarters, Geographic Services
is pleased to provide you with the attached list of upcoming Continuing Education seminars and workshops scheduled in your geographic area. These
in-depth, practice-oriented programs are produced by ASCE’s Continuing Education Department and may be of interest to many of your members.

<table>
<thead>
<tr>
<th>TECH. DIV</th>
<th>FULL DATE</th>
<th>CITY/STATE</th>
<th>SEMINAR/WORKSHOP</th>
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<tbody>
<tr>
<td>Construction</td>
<td>May 12-13, 2011</td>
<td>San Francisco, CA</td>
<td>Construction Administration for Engineers</td>
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<tr>
<td>Structural</td>
<td>May 20, 2011</td>
<td>San Diego, CA</td>
<td>Seismic Design of Liquid Storage Tanks</td>
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<td>Transportation</td>
<td>July 27-29, 2011</td>
<td>San Francisco, CA</td>
<td>Techniques for Pavement Rehabilitation</td>
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<td>Construction/Management</td>
<td>August 18-19, 2011</td>
<td>San Diego, CA</td>
<td>Construction, Plans, Specifications and Ethics for Civil Engineers</td>
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<td>September 15-16, 2011</td>
<td>San Diego, CA</td>
<td>Design of Cold Formed Steel Structures The New 2007 Specification</td>
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<td>Geotechnical</td>
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<td>Introduction to Dam and Levee Safety, Evaluation and Rehabilitation</td>
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<td>Hydraulics</td>
<td>August 18-19, 2011</td>
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<td>Storm Sewer System Design using SWMM</td>
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<td>Structural/Geotechnical</td>
<td>September 29-30, 2011</td>
<td>San Francisco, CA</td>
<td>Earthquake Induced Ground Motions</td>
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FEELING CRABBY?

Well, let the students help you out! Join the ASCE Mid-Pacific Student Conference Planning Committee at their Crab Feed & Social fundraiser on Thursday, March 31 at the Dante Club (2330 Fair Oaks Blvd). The fun starts at 6 PM with a cocktail and socializing hour, and the feeding frenzy begins at 7 PM. Proceeds benefit the Sacramento State University ASCE Student Chapter and Mid-Pac Student Conference. This event is being put on by your local students – come on out and show your support! More information can be obtained by contacting Jaimie Davis, fundraising.chair@ascemidpac.org.

YMF BOWLING SOCIAL

The ever-popular annual Bowling social will be held again this year on Tuesday, March 1 from 6 to 8 pm at Capitol Bowl. Note the change in date!! Once again, we are also using this event as an opportunity to raise money for the local students to compete in the Concrete Canoe, Steel Bridge and Mid-Pac competitions. Suggested donation is $5.00. Please RSVP to Elias Karam at Elias.Karam@jacobs.com by Monday, February 28. Let the good times roll!

APRIL BUSINESS MEETING

It’s about that time again ~ time to plan more fun to be had in the future! Join us at the April Business Meeting on Wednesday, April 6, at 5:30 PM, where we discuss where we’ve been and where we’re going! Plus, there’s food! This month’s meeting will be held at Sacramento County Traffic Operations Center (9630 Conservation Road, Sacramento, CA 95827). Contact Elias Karam for more information regarding the meeting.

GET MOVING

Let’s help our future leaders learn more about energy! Sacramento YMF is volunteering to participate in a series of activities for the Girl Scout Troup in Woodland, focusing on energy use and renewal. Workshops occur through the end of April, and various weekends are still available. So get moving, and contact Randi Hines at hinesran@gmail.com for information on how you can get involved!

WELCOME BACK FROM WRYMC!

A number of your YMF officers and chairs attended this year’s WRYMC on February 11 and 12 in sunny Orange County! The event included a two-day packed agenda, full of events which focused on the future of ASCE, leadership, team building, and camaraderie. YMF members participated in various sessions with Section, Branch, and Student chapter representatives and were fortunate enough to visit either the John Wayne Airport Terminal C expansion or the Ground Water Replenishment Plant for the technical tour of the weekend. Evenings were spent getting to know other YMF groups at organized socials in Downtown Disney and in the hills of Orange County. All in all, the weekend was a great opportunity to get re-energized and gain fresh ideas to bring back to our own YMF group. Attend this month’s YMF Business Meeting on Wednesday, April 6 to hear more about our WRYMC experience!

FEBRUARY MIXER SUCCESS

Thank you everyone who made it out to our fun, informative, and very successful February Mixer at Luigi’s Slice in downtown Sacramento. A special thank you to our guest speaker, Mr. James Pope, General Manager of the Northern California Power Agency, who gave us a riveting presentation on the greenest energy center west of the Mississippi in our very own back yard – the Lodi Energy Center!

UPCOMING EVENTS

* Mid-Pac Crab Feed Fundraiser, Thursday, March 31, 2011, 6 PM, Dante Club (2330 Fair Oaks Blvd, Sacramento, CA 95825) – Put on by the students
* Business Meeting, Wednesday, April 6, 2011, 5:30 PM, Sacramento County Traffic Operations Center (9630 Conservation Road, Sacramento, CA 95827)
* May Mixer, Wednesday May 4, 2011, 5:30 PM, Luigi’s Slice (1050 20th Street #150, Sacramento, CA 95814)

For more information, visit www.sacymf.org
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
### ASCE Region 9

**Fifth Annual California Infrastructure Symposium and Awards Dinner**

**March 9, 2011**

**Hyatt Regency . 1209 L Street . Sacramento**

**Hyatt Reservation Deadline February 23, 2011, call 800.233.1234**

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**REGISTRATION**

**ASCE Region 9 Registration Deadline March 1, 2011**

To register online, please go to [www.asce.org/region9](http://www.asce.org/region9) and click on the Infrastructure Symposium and Awards Dinner link, or return this completed form with payment to ASCE Region 9, P.O. Box 2575, Fair Oaks, CA 95628, 916.965.1536, FAX 916.965.6234.

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**Award Received:**

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**California Infrastructure Symposium Registration**

(Includes Continental Breakfast, Lunch, and Breaks)

- **ASCE Member (Member # _________)** . . . . . . . . . x $ 150.00 = $___________
- **Non–ASCE Member** . . . . . . . . . . . . . . . . . . . . . x $ 195.00 = $___________
- **ASCE Student Member (Member # _________)** . . . . . x $ 30.00 = $___________
- **On Site Registration (Member/Non-Member)** . . . . . . x $ 225.00 = $___________

**Total Registration Fee – Infrastructure Symposium . . . . . . . . . . . . . . . . $___________**

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**Awards Dinner Registration**

- **ASCE Member (Member # _________)** . . . . . . . . . x $ 85.00 = $___________
- **Non–ASCE Member** . . . . . . . . . . . . . . . . . . . . . x $ 100.00 = $___________
- **ASCE Student Member (Member # _________)** . . . . . x $ 30.00 = $___________
- **Table – Seats 10** . . . . . . . . . . . . . . . . . . . . . . x $ 850.00 = $___________
- **Awards Dinner Sponsorship** . . . . . . . . . . . . . . . x $___________

- **Platinum $1,000**
- **Gold $750**
- **Silver $500**
- **Bronze $250**
- **Student $150**
- **Raffle $100**

**Dinner Choice(s):**

- **Slow Roasted Beef Short Ribs**
- **Herb Roasted Chicken Breast**
- **Vegetarian**

- **I regret that I will not be able to attend the Awards Dinner**

**Total Registration Fee – Awards Dinner . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $___________**

**Total Registration Fee . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $___________**

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**Overnight Accommodations**

A group room rate has been arranged at the Hyatt Regency Sacramento. Room rates are $179.00 plus applicable taxes and fees.

Reservations may be made by calling 1.800.233.1234.

Reservations must be received by the cut-off date of **Wednesday, February 23, 2011**. Thereafter, reservations will be taken on a space and rate availability basis. Be sure mention you are with the American Society of Civil Engineers (ASCE).

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**ASCE Region 9 Legislative Day**

Please note that the ASCE Region 9 Legislative Day will be held on Tuesday, March 8, 2011 at the California State Capital in Sacramento.

For further information, contact Delores Ventura, Chair, at dventure@iecoperation.com, 858.413.2400, Extension 270.

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**Contacts:**

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

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

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P.O. Box 2575 | Fair Oaks, CA 95628 | 916.965.1536 | FAX 916.965.6234 | www.asce.org/region9
THE SACRAMENTO STATE AMERICAN SOCIETY OF CIVIL ENGINEERS MID-PACIFIC STUDENT CONFERENCE PLANNING COMMITTEE PRESENTS …

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TO PURCHASE TICKETS, PLEASE CONTACT:

Jaimie Davis
fundraising.chair@ascemidpac.org
916-271-2592

ALL PROCEEDS WILL BENEFIT THE SACRAMENTO STATE UNIVERSITY ASCE STUDENT CHAPTER & MID-PAC STUDENT CONFERENCE

MID-PAC CONFERENCE DATES:
APRIL 15 – 17, 2011
Please see our website for further details: ascemidpac.org

Thursday, March 31st, 2011
Cocktail Hour: 6pm
Dinner: 7pm

DANTE CLUB
2330 Fair Oaks Boulevard
Sacramento, CA 95825

TICKETS:
Dinner: $50/person
Crab, Pasta, Salad and Bread
Drink: $5 each
Beer, Wine, Well Drinks – 1 ticket each
Soda, Water – ½ ticket each

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