

# 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

John C. Hogan, P.E.  
Los Angeles Section President



### Civil Engineers vs. the World

Do you ever get the feeling that the civil engineering profession is constantly fighting uphill battles? If so, you are not alone. Some current events sure make it seem that way. Here are a couple of high profile examples:

#### Civil Engineering Firms Punished—Again!

You probably heard that in late May, the U.S. Supreme Court declined to hear a challenge by Jacobs Engineering Group to Minnesota's attempt to collect millions of dollars from the company to fund payouts made to victims of the 2007 I-35W bridge collapse in Minneapolis.

If you are not familiar with the story, the bridge was designed in the 1960s by Sverdrup & Parcel & Associates, an engineering firm that Jacobs acquired in 1999. The collapse of the span killed 13 and injured 145.

Minnesota, like most states, has statutes of limitation that set time limits on when engineers and construction companies can be sued over property improvements or construction. However, after the bridge collapse, the Minnesota Legislature passed a law that allowed the state to pay victims and seek reimbursement from parties deemed responsible for the collapse—regardless of the liability limit.

Jacobs lost at all lower-court levels in its attempts to have Minnesota's claims against it thrown out. Both ASCE and the Associated General Contractors (AGC) filed a brief in support of Jacobs' request for a Supreme Court hearing. The briefs note the importance of statutes of limitations and repose in preventing lawsuits against construction industry companies years after projects have been completed. The briefs argue that design and construction companies should not have to defend themselves unfairly long after key documents and witnesses have disappeared.

The court's decision not to hear the case is a blow that could have serious repercussions for civil engineering businesses. Not only could it lead to a ruling that would require Jacobs to pay out tens of millions of dollars, but it also casts doubt on statutes of limitation and repose in other states. It is likely to lead to increases in the pricing of liability insurance if insurers believe engineering firms will be responsible for projects indefinitely. It will also affect the approach that firms take when looking to making acquisitions.

To me, this goes into the Preposterous Rulings file. This is the file where I put the decision handed down in the "Duty to Defend—CH2MHill" case in 2010. That's the one where CH2MHill was absolved of negligence and breach of contract in a lawsuit brought on by the developer of a condominium project that the firm had designed. However, the court ruled the firm still had to pay its client \$550,000 in legal fees because the indemnification clause in the contract said they were to "defend" the client in claims and legal actions. The ruling stood when the California Supreme Court denied CH2MHill's appeal.

Although this ruling was two years ago, I still see client contracts that call for the consultant to "indemnify and defend" the client for claims of negligence. Over and over, we consultants

*continued on page 3*

VOL. XLII NO. 7

## In This Issue

*page*

PRESIDENT'S MESSAGE .....	1
RAY BRADBURY & THE L.A. SECTION.....	2
POSITION: WATER RESOURCES MANAGER.....	2
100TH ANNIVERSARY IS A BIG DEAL.....	4
NEW CEE PROGRAMS, COURSES AT UCI.....	5
HIGH-SPEED RAIL: LETTER OF SUPPORT.....	6
THIS MONTH IN SACRAMENTO.....	7
ASCE-L.A. CENTENNIAL DONORS.....	8
ENGINEERS & POLITICS SEMINAR .....	9
MLAB AWARD NOMINATIONS.....	10-11
PROFESSIONAL DIRECTORY.....	12-13



## Ray Bradbury and the L.A. Section\*

By John Hogan, P.E.  
Section President

The passing in June of author Ray Bradbury brought back some fond memories for me. As a teen and young adult, I was a great fan of his stories. But my greatest memory is from an ASCE event in 1981. That year, I was president of the Los Angeles Section Associate Member Forum. Today, we would call it the Younger Member Forum. In those days, there was but one younger member group for the entire section.

Among the responsibilities of the AMF was the staging of the annual Student Night Dinner. In most years, Student Night would be similar to a normal AMF dinner meeting, except student chapter members would be invited. However, in 1981, we decided to raise the bar. The idea came from David Marks, one of my fellow AMF officers. He secured the Dorothy Chandler Pavilion in downtown LA's Music Center to be our venue and got Ray Bradbury to be our keynote speaker.

It was a triumphant evening. The turnout was fabulous—far more than had ever been to an AMF event. I found out, as we dined with Ray, how delighted he was to be invited to speak to us. He was energized by the thought that he could address young and impressionable engineers. In his address, which he delivered extemporaneously and with boundless enthusiasm, he urged us to follow our passion. He also encouraged us to be creative. I recall him asking us why all the high rises in downtown have to be gray or brown. How dull! Why not make them crimson red or emerald green?

He circulated freely among the tables during the dinner and engaged the students and younger members with pep talks. He charged us nothing to be there. All we had to do was agree to drive him from his home to the event and back. He never did drive in all the years he lived in LA.

There were several hundred attendees that evening. Were you one of them? If so, shoot me an email (jhogan@hfinc.com). I would be interested in your recollections of the evening. I would sure like to find some of the photos we had taken that evening. The best I could do for now was this photo from the same year, 1981, when Ray spoke to the National Convention of the Society of Women Engineers (SWE) in Anaheim. Anyone remember that?



Ray Bradbury at the SWE National Convention in Anaheim in 1981, the same year Bradbury was the guest speaker at the L.A. Section's Student Night.

\* Editor Cris B. Liban, D.Env., P.E., yields his space to accommodate this article.

## Water Resources Manager Position Available

**Position:** Water Resources Manager

**Salary:** \$8,722–\$11,442 monthly plus generous benefits

**Closing Date:** Wednesday, July 11, 2012 @ 5:30 pm

**Summary Description:** Under administrative direction from the Director of Engineering and through subordinate supervisors, directs, manages, supervises, and coordinates the activities and operation of the Water Resources Division within the Engineering Department through four functional sections: water quality, water resources planning, water systems engineering and wastewater systems engineering. Water quality includes an ELAP-certified laboratory and is responsible for collecting water quality samples and testing them to meet federal and state water quality requirements. Water resources planning is responsible for forward planning to ensure adequate supplies and facilities are provided to ensure water and wastewater services remain reliable, cost effective and high quality. Water systems engineering is responsible for all regulatory reporting and providing technical support to the Operations Department related to the water system. The cross connection control and on-site recycled water regulatory functions are within the water systems engineering section. Likewise, wastewater systems engineering is responsible for all regulatory reporting and providing technical support related to the wastewater system. The industrial waste monitoring and pretreatment functions are within the wastewater systems engineering section. The Water Resources Division maintains up-to-date knowledge of all relevant water quality regulations and ensures current and future District compliance with all local, state, and federal regulations; coordinates assigned activities with other divisions, departments, and outside agencies; and provides highly responsible and complex administrative support to the Director of Engineering.

**Qualifications:** Equivalent to a Bachelor's Degree from an accredited college or university with major course work in planning, environmental studies, chemistry, microbiology, civil/environmental engineering, or a related field. Seven years of increasingly responsible experience in water resources planning, water/wastewater engineering, or water quality management, including four years of administrative and supervisory responsibility experience managing a minimum staff of five or more technicians and/or engineers. Possession of an appropriate, valid driver's license. Possession of a valid T3 Water Treatment Operator Certificate issued by the State of California, Department of Public Health is desirable. Possession of a valid D5 Water Distribution Operator Certificate issued by the State of California, Department of Public Health is desirable. California Professional Engineer license in civil engineering or American Institute of Certified Planners (AICP, as administered by the American Planning Association) certification is highly desirable.

**To Apply:** Submit a completed WESA employment application to the Human Resources Department. Applications may be submitted in person, to the WESA main office, located at 31315 Chaney Street, Lake

*continued on page 3*

must arm-wrestle client attorneys and risk managers to explain that while we will indemnify them for our negligence, we will not take on the duty to defend—for precisely the reason that we don't want what happened to CH2MHill to happen to us. Fortunately, most clients have agreed to modify the language. But it takes time to get to that point. If you work for an agency or firm that contracts out design services, please do your consultants a favor and make sure your standard form agreement has been updated to remove this onerous language.

### Infrastructure—TANSTAFL and other Fantasies

As all ASCE members should know, ASCE recently published its California Infrastructure Report Card for 2012. The state's infrastructure got an overall grade of "C." Raising that grade to a "B" is estimated to require an annual investment of \$65 billion for 10 years. That's \$65 billion per year! To put that amount in perspective, the state has a total annual budget of approximately \$140 billion for all expenditures.

Of course, funding for infrastructure investment is not solely the state's responsibility. Funds come from local agencies, special districts, the private sector and the federal government. Nevertheless, coming up with \$65 billion per year is a tall order. Accordingly, ASCE and other organizations like APWA and ACEC are pounding on our elected officials' doors pleading for increased funding for infrastructure.

Very few people disagree with ASCE's assertion that we need to invest in our infrastructure. Where people disagree is on where the money should come from.

It is widely agreed that healthy infrastructure supports a healthy economy. It attracts employers and it improves the overall quality of life in our communities. Investment in infrastructure pays dividends. I read where Moody's has estimated that every additional dollar spent on infrastructure generates a \$1.44 increase in gross domestic product.

This makes a compelling argument for increasing funding for infrastructure investment. Rather than sounding alarms, perhaps we should be emphasizing infrastructure's return on investment. It has been demonstrated repeatedly that people are willing to pay when they know what they will be getting in return. Witness the success that many counties have had in passing half-cent sales tax increases to fund highway and transportation projects.

There does not appear to be any single solution for creating the needed funds to increase our investment in infrastructure. Rather it will be a combination of tactics—more-efficient project delivery, streamlined approvals, infrastructure banks, user fees, and taxes. All of these are part of the answer.

I recently came across an article from Bloomberg News entitled "Fiscal games can't hide true cost of U.S. infrastructure." The author of the article made some astute observations about our infrastructure funding dilemma, including:

*"At the root of [our] difficulty are two fantasies about infrastructure that the United States can't seem to shake. The first is that once a bridge or a road or a water main is built, it is there forever. As any accountant knows, the day you start using a capital asset is the day you start using up its value. A community with a crumbling bridge isn't as rich as it thinks it is. As a nation, we need to start taking seriously the annual depreciation of our infrastructure, and budget future capital expenses to offset it."*

*"The second fantasy is that we can find a way other than taxes (on gasoline and property) or user fees (tolls and the like) to pay for infrastructure. If Americans are unwilling to raise taxes to pay for crumbling roads and bridges, then we need to be more open to making them pay for themselves."*

The author concludes that *"No one should think for a moment that financial innovation can address funding problems. We still need to face the fact that there's no free lunch."*

This reminded me of an economics book I read in college called "TANSTAFL" by Edwin Dolan. The book's title is an acronym for "There ain't no such thing as a free lunch." It has now become somewhat of a classic. The TANSTAFL principle is a simple statement of reality: everything of value has a cost. Those who complain about crowded freeways, potholed streets, and bursting water mains need to be reminded that we get what we pay for. It's time to starting investing serious money in our infrastructure. Let's not let this need get held hostage to political quibbles over spending in other areas of government. Handle those issues separately.

Civil engineers are the stewards of infrastructure. It is our responsibility, no matter how daunting the task, to strive for infrastructure that serves the best interests of the general public's health, safety, and welfare. This is an essential part of the mission of ASCE. If the public is ignorant about deteriorating infrastructure and what to do to fix it, then we have a duty to educate them. It's much like a doctor who has an obligation to inform a patient about a medical condition and how to treat it.

While my headline of "CEs vs. the World" may be a bit of a stretch, there is no question that we are in an underdog's role in our quest for infrastructure. However, rather than despair, we should rejoice in knowing that our cause is noble and be energized by knowing how sweet it will be when the underdog prevails.

Have a great summer!

### EMPLOYMENT OPPORTUNITY *continued from page 2*

Elsinore, CA 92530, or they may be mailed to WESA, Attn: Human Resources, PO Box 27, Lake Elsinore, CA 92531. Résumés may be included, but will not be accepted in lieu of the completed employment application. Faxes, e-mails and postmarks are not accepted. Applications must be received by the Human Resources department no later than 5:30 p.m. on Wednesday, July 11, 2012. EOE. For more information, contact the Human Resources Department, atjdancho@wesawater.com, or refer to the WESA website at [www.wesawater.com](http://www.wesawater.com).



[www.ascelasection.org](http://www.ascelasection.org)

# Los Angeles Section Celebrates 100th Anniversary: Why Is It Such a Big Deal?

By Jay H. Higgins, P.E., M.ASCE  
ASCE Region 9 Governor

Recently, the members of the Los Angeles Section have received e-mails and will be seeing articles on a regular basis in the Los Angeles Section newsletter about 2013 being the 100th anniversary of its founding. The San Francisco Section celebrated its 100th anniversary in 2005 and in the coming years other sections in Region 9 will reach their 100th anniversary—the San Diego Section on September 20, 2015, and the Sacramento Section on October 10, 2021.

The Los Angeles Section is planning to hold many events throughout 2013. The plans include a Centennial Celebration kickoff dinner and production of a centennial-celebration video. Also K–12 outreach, Engineers Week, History and Heritage, Branch, Technical Group, Younger Member Forum, and student events are being planned. Many of these events will be created to increase public awareness of the work done by civil engineers. In addition, this year the Region 9 Infrastructure Symposium and Awards Dinner will be held in Los Angeles. The day will start with a meeting at the historic Union Station, symposium sessions in the MTA and MWD buildings, and will end with the awards dinner in the old ticket room at Union Station. Why have many L.A. Section members volunteered so many hours so far, and will spend many more in the coming months to plan these Centennial Celebration events?

Why is it such a big deal?

The answer is simple. Heritage—celebrating our heritage.

Let's think about heritage. Many sections in ASCE have a History and Heritage Committee. We all get the history part. There's nothing like a good book about the history of a great civil-engineering project, like David McCullough's *The Great Bridge* (Brooklyn Bridge) or *The Path Between the Seas* (the Panama Canal). You only have to go to the L.A. Section website at <http://www.ascelasection.org> and click on the History and Heritage Committee link to find an extensive list of truly amazing accomplishments throughout

the Section's 10-county geographic area. Simply put, civil engineers created the infrastructure in Southern California. We should be proud of the tangible list of outstanding projects. Some have not only received Section Civil Engineering Historic Landmark status, but also state and national status. Last month, Brent Siemer, Region 9 Gov-

ernor, talked about how our society established the National Historic Civil Engineering Landmarks program in 1964 to recognize engineering achievements in a permanent way. The program serves to help us preserve and recall the significance of these projects and the civil engineers who designed and built them. Over 250 National Historic Civil Engineering Landmarks have been designated, of which 14 are right here in California.

The part we overlook in the History and Heritage Committee title is our heritage. Heritage is represented in the practices that are handed down from the past by tradition; those non-tangible attributes that are inherited from our ancestors. While on the L.A. Section website, take a look at the list of past L.A. Section Presidents. Here you will find some familiar names, like William Mulholland, and other leaders from prominent consulting engineering firms, public agencies, and academic institutions. They have been staunch supporters of the civil engineering professional and ASCE. For example, several of our past Los Angeles Section Presidents have gone on to become Society Presidents. Here is a quiz for our L.A. Section Members. Can you match the name and their employer to the years (which are in correct order) that they were Section and Society President?

Name	Employer	Year as L.A. Section President	Year as Society President	Hints	
				City	Title at Time of Society Presidency
		1918	1937	Los Angeles	Consulting Engineer
		1924	1949	Pasadena	Dean of Students
		1946	1965	Los Angeles	Consulting Engineer
		1965	1981	Los Angeles	Chairman of the Board
		1967	1989	Pasadena	Chairman of the Board
		1992	2001	Irvine	Partner

Name	Employer
A) Irvan Frank Mendenhall, P.E.	1) RBF Consulting
B) Franklin Thomas	2) James M. Montgomery Consulting Engineers
C) Robert W. Bein, P.E., L.S	3) California Institute of Technology
D) Louis Clarence Hill	4) Quinton, Code & Hill—Leeds & Barnard
E) William J. Carroll, P.E.	5) Daniel, Mann, Johnson, & Mendenhall
F) Wallace Lacy Chadwick, P.E	6) Southern California Edison Co.

See the answer key on page 13 of this newsletter.

If you got three correct answers consider yourself a L.A. Section History buff. If you got all six correct, consider yourself a superstar L.A. Section History and Heritage buff. Why are these past accomplishments important to the Los Angeles Section? Because it is part of our

continued on page 5



heritage. The L.A. Section has produced leaders in the profession and along with the Section members have been responsible for creating civil engineering projects beneficial to society throughout the section's 10-county area in Southern California. The men and women of our section are our heritage and serve as an inspiration to our students and young engineers starting their civil-engineering careers and even inspiring high school students who are considering pursuing a career in civil engineering. This is the heritage in History and Heritage.

If you would like to be part of continuing your section's heritage, consider mentoring high school students. The L.A. Section is partnering with ACE Mentor Program Los Angeles, which mentors high school

students and introduces them to potential careers in architecture, construction, and engineering. The goal of the partnership is to have more civil engineers participating on mentoring teams and to introduce high school students to the opportunities a career in civil engineering has to offer. If you would like more information about the program and want to find an affiliate organization in your area go to [acementor.org](http://acementor.org)

If you would like to support the Los Angeles Section's upcoming events, go to [ascelasection.org](http://ascelasection.org); at the top of the webpage are opportunities to make an individual or corporate donation. Help us let the society know about the rich heritage of civil engineers in southern California.

## ARTICLE

## Professional Development at UCI; New CEE Programs, Courses

The Department of Civil and Environmental Engineering at UC Irvine (CEE@UCI) is seeking to identify new ways to meet professional development needs in Southern California. We are exploring three main issues: (1) program-format preferences such as standalone courses, certificates, and degrees, (2) course-topic preferences, and (3) instructional-format preferences such as in-class, online, and day-of-the-week/time preferences.

Our goal is to meet a range of professional development needs, from a single standalone course to a cluster of courses organized by theme. The latter would lead to a certificate. Popular themes could be expanded into new M.S. or M.Eng. degree programs in the future.

We would most likely offer these courses through UCI Extension to

make registration easy and avoid the lengthy application process typically associated with M.S. and Ph.D. degree programs. The cost for a 4-unit course (30–40 hours of instruction) would be around \$1,000.

Results of this survey will be examined by CEE faculty and CEE Affiliates from industry who partner with the department to promote academic excellence. Our goal is to flesh out the best course ideas and themes this year for implementation in the following year.

The survey can be accessed at the following link:

<https://eee.uci.edu/survey/newceepprograms>

Thank you in advance for taking the time to participate.

## ANNOUNCEMENT

## 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](mailto:ascedisaster@earthlink.net)



**Region 9 Board of Governors  
2011 – 2012**

Jennifer B. Epp, P.E., M.ASCE  
Chair/Director  
Central Coast  
Regional Water Quality Control Board  
530.867.2663  
[jennifer.b.epp@gmail.com](mailto:jennifer.b.epp@gmail.com)

Rich Haller, P.E., M.ASCE  
Governor, At-Large  
Vice Chair  
Santa Ana Watershed Project Authority  
951.354.4220  
[rhaller@sawpa.org](mailto:rhaller@sawpa.org)

Fareed S. Pittalwala, P.E., M.ASCE  
Governor, Sacramento Section  
External Secretary  
RBF Consulting  
916.928.1113  
[fpittalwala@rbf.com](mailto:fpittalwala@rbf.com)

Brent C. Siemer, P.E., F.ASCE  
Governor, San Francisco Section  
City of Simi Valley  
Internal Secretary  
805.583.6805  
[bsiemer@simivalley.org](mailto:bsiemer@simivalley.org)

Jay Higgins, P.E., M.ASCE  
Governor, Los Angeles Section  
Treasurer  
URS Corporation  
818.406.4896  
[jay.higgins@urs.com](mailto:jay.higgins@urs.com)

Kathy Haynes, P.E., M.ASCE  
Governor, San Diego Section  
Kennedy/Jenks Consultants  
858.676.7509  
[KathyHaynes@KennedyJenks.com](mailto:KathyHaynes@KennedyJenks.com)

Camilla M. Saviz, Ph.D., P.E., M.ASCE  
Governor, At-Large  
University of the Pacific  
209.946.3077  
[csaviz@pacific.edu](mailto:csaviz@pacific.edu)

Lori K. Campbell  
Administrator  
P. O. Box 2575  
Fair Oaks, CA 95628  
916.965.1536  
[lkc.consulting@sbcglobal.net](mailto:lkc.consulting@sbcglobal.net)

May 21, 2012

Sharon Sim-Krause  
Communications Director  
Californians for High-Speed Rail  
182 Howard Street, #322  
San Francisco, California 94105

SUBJECT: SUPPORT FOR THE CALIFORNIA HIGH-SPEED RAIL PROGRAM

Dear Ms. Sim-Krause:

In 2010, the American Society of Civil Engineers (ASCE) adopted a nationwide policy, Policy Statement 402, which supports the planning, development, and operation of a national network of high-speed and intercity passenger rail systems. Such systems are envisioned to improve rail safety, enhance connectivity and productivity, improve travel efficiency and improve environmental conditions. High-Speed Rail provides for an expansion of multi-modal transportation opportunities for the growing population.

In California, the Board of Governors of Region 9 of ASCE represents almost 19,000 member Civil Engineers. We are professionals that work with every aspect of society's infrastructure, including Transportation Systems. There is a practical limit to the expansion of freeways and roadways to meet the needs of vehicular traffic and there is a limit to airport capacities to handle air traffic. The use of high-speed rail to accommodate the travel needs of a growing population is a practical and environmentally responsible approach to this need. We note the California High-Speed Rail Authority is appropriately evaluating and adjusting its financing plan and is committed to taking into account the environmental impacts and requisite mitigations of the implementation of High-Speed Rail.

The Board of Governors of ASCE Region 9 has unanimously voted a support position for the California High-Speed Rail Program consistent with ASCE Policy Statement 402. If you have any questions, please contact Kenneth Rosenfield, ASCE Region 9 Transportation Committee Chair, at (949) 707-2655 or [krosenfield@ci.laguna-hills.ca.us](mailto:krosenfield@ci.laguna-hills.ca.us).

Sincerely,

AMERICAN SOCIETY OF CIVIL ENGINEERS – REGION 9

Jennifer B. Epp, P.E., M.ASCE  
Chair/Director

# Legislative Update: This Month in Sacramento

By Richard Markuson

## Education Bill Passed by Senate

The California Senate approved Region 9-supported Senate Bill 975 that clarifies who can impose by regulation the experience and education required to practice engineering on a vote of 28–5 on May 29. The bill now moves to the Assembly where the hearing process starts over. The bill faces an uncertain future. The Department of Consumer Affairs opposes the bill, stating:

“The Department believes that the proposed statutory language is simply unneeded to protect its licensing boards and bureaus’ jurisdiction and could even result in unforeseen or unintended problems between state agencies. Further, the Department understands that this bill was introduced following last year’s AB 1210 (Garrick, 2011), which the governor did not sign. The State Water Resources Control Board should be given time to follow the direction it received in the governor’s veto message of that bill, which may ultimately solve the problem of this bill’s sponsor without legislation.”

Unless this opposition is addressed, the department will almost certainly recommend the governor veto the bill if it reaches him.

## Gas Tax Measure Dead

SB 1396, which would lower taxes on gasoline and diesel, is dead. The bill would have exempted from sales tax the amount charged for gasoline in excess of \$3.88 per gallon and for diesel in excess of \$3.52 per gallon, thereby capping gasoline and diesel excise taxes, and allowing these excise taxes to adjust down but not up under the cap. Opposed by ASCE and a number of other construction groups, the author has let the bill die in the Senate Transportation Committee.

## ADM Transportation Bill Moves

SB 1549—supported by Region 9—will authorize the San Diego Association of Governments (SANDAG) to use specified alternative project delivery methods for an unlimited number of transit projects. The bill was approved by the Senate and will be heard in the Assembly Transportation Committee.

## Rainwater Capture Act of 2012

The State Assembly approved AB 1750 on a 73–0 vote. This bill would enact the Rainwater Capture Act of 2012, which would authorize residential, commercial, and governmental landowners to install, maintain, and operate rain-barrel systems, as defined, and rainwater capture systems, for specified purposes, provided that the systems comply with specified requirements. The bill has been referred to the Senate Natural Resources Committee for its policy hearing in the Senate.

## Water Planning Bill Stalls

Region 9 supported AB 2334 that would have required the Department of Water Resources (DWR), as part of the California Water Plan, to analyze how drinking water and wastewater services could be made more affordable for low-income residents has stalled in the Assembly because of the associated state costs.

According to the Assembly Appropriations Committee:

“Annual costs to DWR of an unknown amount, likely ranging from several hundred thousand dollars to over \$1 million dollars (General Fund, special funds and bond funds). These annual costs to DWR include the work of a small team of economists, demographers and analysts working to identify, among the state’s thousands of water systems, those water systems struggling to meet federal affordability benchmarks; determining the factors contributing to the high cost of these systems; assessing existing low-income water affordability programs (which, presumably, include local, state and federal programs, as well as privately operated programs); and developing a proposal for subsidy programs. All of this work falls well outside the normal scope of the Water Plan and well beyond its normal depth, making the information and analysis required by this bill a significant, distinct addition to the plan.”

## Recycle Water Bill Advances

AB 2398 makes major changes to the state’s regulation of the use of recycled water. This bill deletes much of the existing statutory and regulatory language governing recycled water, and the Water Recycling Act of 2012 (WRA) consolidates similar, and in some cases identical, provisions into the WRA which is a new division of the Water Code. Generally, this bill defines highly treated recycled water as Advanced Treated Purified Water (ATPF) and subjects its use to regulation by the Department of Public Health (DPH), and defines less-treated, but still relatively clean recycled water, known as disinfected tertiary recycled water, as not waste water and subjects its use to regulation by the State Water Resources Control Board (SWRCB). This bill provides monitoring and enforcement authority to DPH and SWRCB as well as fee authority to cover their permitting costs and other related responsibilities. The bill is sponsored by the Eastern Municipal Water District, the Irvine Ranch Water District, the San Diego County Water Authority, and WaterReuse.

## Recent Reports

The Legislative Analyst’s Office has released its Multiyear Budget Forecast, finding “the governor’s proposals, taken together, would continue the state’s progress toward ending a long era of structural budget deficits and returning the state to fiscal balance.”

The State Water Resources Control Board has released results of a two-year survey to determine contaminant levels in coastal sport fish. Conducted by the board’s Surface Water Ambient Monitoring Program, the 2009–10 survey sampled 68 locations and found 63 percent of them “showed methylmercury contamination at moderate or low levels,” which can “affect the developing nervous system of children and adolescents, potentially leading to learning disabilities.”

The LAO released its analysis of revised Seismic Safety Commission funding proposal, and finds no objections to Gov. Jerry Brown’s providing permanent funding for the commission through a charge on insurance policy holders.



## ASCE-LA Centennial Donors

The Los Angeles Section of the ASCE would like to thank the following donors\* for their generous contributions to the Centennial Fund:

### Corporate Sponsors

**Gold Level - \$2,000**

**Silver Level - \$1,000**

**ARUP**

**SCS ENGINEERS**



**Bronze Level - \$500**

### Individual Sponsors

Shahn Ahmad  
Carl Blum  
Joe Buley  
Marlon Caldron  
Serge Haddad  
Richard Haller  
Greg Heiertz  
Jay Higgins  
John Hogan  
Andy Machen  
Thomas Maddock  
Julia Moya  
Josh Nelson  
Mark Norton  
Don & Karen Sepulveda  
Irv Sherman  
Kathereen Shinkai  
Robert Stearns  
Mike Thornton

**To donate, please visit [www.ascelasection.org](http://www.ascelasection.org)**

\*Donors as of 5/31/12





AMERICAN SOCIETY OF CIVIL ENGINEERS



**Metropolitan Los Angeles Branch  
Government Affairs Committee  
Presents**



# **Engineers and Politics Seminar**

**Empowering Engineering Advocates**

**Saturday, August 4, 2012**

**LOS ANGELES ATHLETIC CLUB**

**431 WEST SEVENTH STREET, LOS ANGELES, CA 90014**

**Event Time: 8:00am – 3:00pm**

**Cost: ASCE Members \$40**

**Non-Members \$50**

**Student Members \$30**

**Registration after July 21<sup>st</sup> additional \$10**

**For more information and to reserve a seat, please contact:**

**Phillip Davies, [asce.nlab.gac@gmail.com](mailto:asce.nlab.gac@gmail.com)**

# 2012 AWARD SEASON!

## AWARD NOMINATION DEADLINE IS JULY 27, 2012

Do you know of outstanding Civil Engineers that through their efforts further advance the field of civil engineering? What about civil engineering projects that showcase innovative ideas that improve the quality of life for the public? We all do and this is your opportunity to recognize these Civil Engineers and Projects.

Each year the Branch awards outstanding Civil Engineers and projects for their contributions to ASCE, the civil engineering community, and the public.

Nominations are now welcome for 2012!

Award nominations will be accepted for projects completed and outstanding engineering achievement accomplished between January 1, 2011, and July 27, 2012.

Awards will be presented at the Metropolitan Los Angeles Branch Annual Installation and Awards Dinner.

For more information please visit [ascemlab.org](http://ascemlab.org) or contact Erik Hoffman at 310-980-1127 or at [Erik.J.Hoffman@gmail.com](mailto:Erik.J.Hoffman@gmail.com).

## AWARD CATEGORIES

Outstanding Government Civil Engineering Project  
Outstanding Private Sector Civil Engineering Project  
Outstanding Sustainability Project  
Outstanding Architectural Engineering Project  
Outstanding Civil Engineer in Government  
Outstanding Civil Engineer in the Private Sector  
Lifetime Achievement in Civil Engineering

Outstanding Younger Civil Engineer  
Outstanding Faculty Advisor  
Outstanding Practitioner Advisor  
Outstanding Civil Engineer in Legislative Activities  
Outstanding Civil Engineer in Community Service  
Excellence in Journalism

## 2012 ASCE MLAB Awards Nomination Application

### 1. Select Award Category (check one category per nomination)

- ☐ Outstanding Government Civil Engineering Project
- ☐ Outstanding Private Sector Civil Engineering Project
- ☐ Outstanding Sustainability Project
- ☐ Outstanding Architectural Engineering Project
- ☐ Outstanding Civil Engineer in Government
- ☐ Outstanding Civil Engineer in the Private Sector
- ☐ Lifetime Achievement in Civil Engineering
- ☐ Outstanding Younger Civil Engineer
- ☐ Outstanding Faculty Advisor
- ☐ Outstanding Practitioner Advisor
- ☐ Outstanding Civil Engineer in Legislative Activities
- ☐ Outstanding Civil Engineer in Community Service
- ☐ Excellence in Journalism

### 2. Nominee Information

#### Nominee Name (Person or Project):

\_\_\_\_\_

Organization/Agency: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

### 3. Nominator Contact Information

Name: \_\_\_\_\_

Organization/Agency: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

### 4. Submittals

A) Summary: In 75 words or less, describe the nominee and why the nominee should be considered for an award.

B) Detailed Description: In two pages or less, describe the nominee and why the nominee should be considered for an award.

C) Images of Nominee: Provide two images of nominee in jpeg format.

D) Supporting Documentation (optional): This can include additional images (jpeg) of nominee, letters of support, media articles, etc.

### 5. Award Submittal Instructions

All nominations must be submitted by email to [Erik.J.Hoffman@gmail.com](mailto:Erik.J.Hoffman@gmail.com)

Email subject line: 2012 ASCE MLAB Award Nomination: (name of nominee)

Attachments: include the submittals as attachments. Submittals must be Microsoft Office and/or PDF compatible.

Size Limit: 10 MB for combined email and attachments. Please perform a self-check before submitting.

**Nominations must be received by July 27th at 5:00 p.m.**



**AECOM**

AECOM...Enhancing the world's built, natural and social environments.

[www.aecom.com](http://www.aecom.com)

**DUDEK**

ENGINEERING + ENVIRONMENTAL

Creatively solving water and wastewater resources challenges for municipal agencies.

Plan | Design | Construct | Manage

WWW.DUDEK.COM  
800.450.1818

San Diego | Los Angeles | Riverside  
Orange | Santa Barbara | Placer

**Geotechnical Stabilization, Inc.**

Amer R. Al-Alusi, P.E.  
President

Chemical Grouting      Compaction Grouting  
PressGrout Piles      Lense Grouting

1558 Sterling Court • Escondido, CA 92029-1208  
760/489-6696 • FAX 760/489-6697

**KEHOE TESTING & ENGINEERING**

- Cone Penetration Testing (CPT)
- Direct Push Soil, Water & Vapor Sampling
- Truck Mounted, Track & Ltd. Access Rigs

Soil Testing & Sampling Services  
for Geotechnical & Environmental Consultants

5415 Industrial Drive  
Huntington Beach, CA 92649-1518  
(714) 901-7270 (714) 901-7289 fax

**STEVE KEHOE, P.E.**  
PRESIDENT

**Advanced Earth Sciences, Inc.**

Geotechnical and Environmental Consultants

Kris Khilnani, PE, GE - President  
Dr. Suji Somasundaram, PE, GE - Principal Engineer  
Grant Miller, PG, CEG - Principal Geologist

9307 Research Drive  
Irvine, CA 92618

(949) 379-2450  
FAX: (949) 379-2470  
Website: [www.aesciences.com](http://www.aesciences.com)

**Earth Mechanics, Inc.**

Geotechnical and Earthquake Engineering

Foundation Design  
Seismic Evaluation  
Soil-Structure Interaction  
Field Investigation and Laboratory Testing  
Grading and Foundation Inspections

[www.earthmech.com](http://www.earthmech.com)

Fountain Valley Los Angeles San Bernardino Oakland San Diego  
(714) 751-3826 (310) 519-1197 (909) 890-1551 (510) 562-8833 (760) 736-8222



Phone: (562) 427-6899

Fax: (562) 427-3314

Email: [info@greggdrilling.com](mailto:info@greggdrilling.com)  
Web Site: [www.greggdrilling.com](http://www.greggdrilling.com)

**GREGG DRILLING & TESTING, INC.**

- ENVIRONMENTAL AND GEOTECHNICAL DRILLING
- WELL INSTALLATION
- CONE PENETRATION TESTING

2726 WALNUT AVE. • SIGNAL HILL, CA 90755

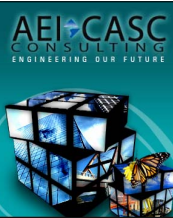


INCORPORATED

ENGINEERING CONSULTANTS

- WATER
- WASTEWATER
- RECYCLED WATER
- STORM WATER

Riverside, CA • (951) 684-6900  
[www.kriegerandstewart.com](http://www.kriegerandstewart.com)



CIVIL ENGINEERING  
PLANNING  
ENVIRONMENTAL ENGINEERING  
SURVEYING

CORPORATE OFFICE  
937 S. Via Loma Suite 500  
Colton, CA 92324  
(909) 783-0101

Offices throughout California

[www.aei-casc.com](http://www.aei-casc.com)

**EARTH SYSTEMS**

Geotechnical Engineering  
Engineering Geology  
Environmental Consulting  
Materials Testing & Inspections

Offices throughout California

Los Angeles Area Office (818) 901-8075  
[www.earthsystems.com](http://www.earthsystems.com)

**GEOTECHNICAL ENGINEERING MATERIALS TESTING & INSPECTION**

Serving Southern California since 1986

Michael Reader, G.E.

Principal Engineer

Tom Swantko, G.E.

Principal Engineer

Group Delta Consultants, Inc.

Los Angeles County: (310) 320-5100

Orange County: (949) 609-1020

San Diego County: (858) 524-1500

[www.GroupDelta.com](http://www.GroupDelta.com)

Geotechnical Environmental Site/Civil

**LANGAN**

ENGINEERING &amp; ENVIRONMENTAL SERVICES

[www.langan.com](http://www.langan.com)

Irvine San Francisco Oakland San Jose Sacramento  
California New Jersey New York Connecticut Florida Pennsylvania Virginia

**AKEL**

ENGINEERING GROUP, INC.

Water Resources  
Infrastructure Modeling  
and Master Planning

**Tony Akel, P.E.**  
Principal

Phone: 559.436.0600

Fax: 559.436.0622

Cell: 559.593.5937

Email: [takel@akeleng.com](mailto:takel@akeleng.com)

7433 N. First St. Suite 103  
Fresno, California 93720

[www.akeleng.com](http://www.akeleng.com)



**FUSCOE**  
ENGINEERING  
full circle thinking

949.474.1960 • OC 213.542.4260 • LA  
IRVINE • SAN DIEGO • ONTARIO • PALM SPRINGS • LOS ANGELES

- land development
- entitlement services
- survey & mapping
- water quality assurance
- eco-adaptive design
- sustainable engineering
- GIS & 3D visualization

[www.fuscoec.com](http://www.fuscoec.com)



Engineering • Planning • Surveying

**800.544.2114**

[www.hfinc.com](http://www.hfinc.com)

Offices throughout Southern California including Tustin,  
Santa Clarita, Temecula & Victorville

**Leighton Consulting, Inc.**

866-LEIGHTON

Thomas C. Benson, Jr., PE, GE, REA | President and CEO

Geotechnical | Environmental | Testing and Inspection

Irvine  
Bakersfield  
Los Angeles  
Palm Desert  
Rancho Cucamonga  
San Diego  
Santa Clarita  
Temecula  
Ventura  
[www.leightongroup.com](http://www.leightongroup.com)



- Environmental Science and Engineering
- Geotechnical Engineering
- Earthquake-Related Services
- Air Toxics and Health Risk Assessment

James J Weaver PE, GE  
Tel (949) 642-0245  
Fax (949) 642-4474  
[www.amec.com](http://www.amec.com)

510 Superior Avenue  
Suite 200  
Newport Beach, California  
USA 92663-3627

**GENTERRA CONSULTANTS, INC.**

Joseph J. Kulikowski, PE, GE  
President and Senior Principal Engineer  
15375 Barranca Parkway, Bldg L  
Irvine, California 92618  
(949) 753-8766  
[joekul@genterra.com](mailto:joekul@genterra.com)  
[www.genterra.com](http://www.genterra.com)

CIVIL AND GEOTECHNICAL ENGINEERING • DAM ENGINEERING  
OFFICES IN NO. & SO. CALIFORNIA, COLORADO AND PENNSYLVANIA  
SERVICES PROVIDED NATIONWIDE

**ONE COMPANY | Many Solutions™**

SERVICES:  
Water/Wastewater • Transportation  
Environmental • Construction Management

801 So. Grand Avenue, Suite 500, Los Angeles, CA 90017  
213.239.5600 [www.hdrinc.com](http://www.hdrinc.com)

**LGC Valley, Inc.**

Geotechnical Consulting

**Matthew Hawley, PG, CEG**  
President

28532 Constellation Road  
Valencia, CA 91355  
Phone 661-702-8474  
Fax 661-702-8475

Mobile 805-404-6103  
[mhawley@lgcgeo.com](mailto:mhawley@lgcgeo.com)  
[www.lgcgeo.com](http://www.lgcgeo.com)



Public Infrastructure; Land Development;  
Education; Energy; Survey & Mapping;  
Aerospace/Defense

310.664.1166  
[www.CannonCorp.us](http://www.CannonCorp.us)

**Geomatrix**

- Environmental Science and Engineering
- Geotechnical Engineering
- Earthquake-Related Services
- Air Toxics and Health Risk Assessment

James J. Weaver, P.E., G.E.

510 Superior Avenue, Suite 200 Newport Beach, CA 92663  
(949) 642-0245 - office (949) 642-4474 - fax

**HESS ENGINEERING INC**

Structural Engineers

**Richard L. Hess, S.E., SECB, FASCE**  
President

[www.HessEng.com](http://www.HessEng.com)

3347 Cerritos Avenue • Los Alamitos, CA 90720-2105  
(562) 799-9787 • FAX (562) 799-4973 • Cell (310) 717-4916

**LIN Consulting, Inc.**

Traffic, Civil and Electrical Consulting Engineers

**William Sun, P.E., T.E.**  
Senior Project Manager

21660 E. Copley Drive, #270, Diamond Bar, CA 91765-4173  
Tel (909) 396-6850 ext. 105 • Fax (909) 396-8150  
E-mail: [wsun@linconsulting.com](mailto:wsun@linconsulting.com)

**Converse Consultants**

Geotechnical Engineering

Environmental &amp; Groundwater Science

Inspection &amp; Testing Services

Monrovia Office (626) 930-1200  
Fax (626) 930-1212

Costa Mesa Office (714) 444-9660  
Fax (714) 444-9640

Redlands Office (909) 796-0544  
Fax (909) 796-7675

Sacramento Office (916) 331-5444  
Fax (916) 331-6444

[www.converseconsultants.com](http://www.converseconsultants.com)

**GeoPentech**

Geotechnical &amp; Geoscience Consultants

- \* Geotechnical Engineering
- \* Geo-Earthquake Engineering
- \* Seismic Hazards Evaluation
- \* Soil Dynamics/Vibrations
- \* Engineering Geology
- \* Hydrogeology
- \* Seismic Geology
- \* Forensic Studies

525 N. Cabrillo Park Drive, Suite 280  
Santa Ana, California 92701  
Phone: (714) 796-9100; FAX: (714) 796-9191  
Web Site: [www.geopentech.com](http://www.geopentech.com)



1672 Donlon Street  
Ventura, California 93003

Local 805.654.6977  
FAX 805.654.6979  
State 800.676.1916

**"Designing for the Future"**

The leader in civil engineering and surveying providing professional state-of-the-art services, commitment to excellence, and timely responsiveness.

Engineers Planners Surveyors

**LaBelle • Marvin**

PAVEMENT ANALYSIS, DESIGN, TESTING &amp; INSPECTION SINCE 1969

**Steven R. Marvin, P.E.**  
President

2700 S. Grand Ave.  
Santa Ana, CA 92705  
Ph (714) 546-3468  
Fax (714) 546-5841  
[smarvin@labellemarvin.com](mailto:smarvin@labellemarvin.com)

[www.labellemarvin.com](http://www.labellemarvin.com)

**DIAZ-YOURMAN & ASSOCIATES**

**Christopher M. Diaz, P.E.**  
Principal

**Geotechnical Services**

1616 East 17th Street Santa Ana CA 92705-8509  
Tel. (714) 245-2920 • Fax (714) 245-2950 • Mobile (714) 412-2093  
[chris@diazyourman.com](mailto:chris@diazyourman.com) [www.diazyourman.com](http://www.diazyourman.com)



**James E. Harris, G.E.**  
**Byron Konstantinidis, G.E.**  
**Paul R. Schade, G.E.**

5736 Corporate Ave.  
Cypress, California 90630  
(714) 220-2211 Fax (714) 220-2122  
[www.gpi-ca.com](http://www.gpi-ca.com)



Engineering, Inc.

- Engineering
- Land Planning
- Surveying

357 N. Sheridan St. 117  
Corona, CA 92880  
Tel: (951) 279-1800  
Fax: (951) 279-4380  
Email: [ka@kaengineering.com](mailto:ka@kaengineering.com)

**MACTEC**

GEOTECHNICAL • ENVIRONMENTAL • HAZARDOUS MATERIALS • CMT

Perry A. Mallon, G.E.  
Senior Vice President  
[pamallon@mactec.com](mailto:pamallon@mactec.com)

Marshall Lew, Ph.D., G.E.  
Senior Principal/Vice President  
[mlew@mactec.com](mailto:mlew@mactec.com)

Martin B. Hudson, Ph.D., G.E.  
Chief Engineer  
[mhudson@mactec.com](mailto:mhudson@mactec.com)

Hedy Abadi, Ph.D., P.E.  
Director of Environmental Services  
[habadi@mactec.com](mailto:habadi@mactec.com)

Edward C. Trassars, P.E.  
Principal Materials Engineer  
[etrassars@mactec.com](mailto:etrassars@mactec.com)

5628 E. Slouson Avenue • Los Angeles, California 90040-2922  
323.889.5300 • fax 323.721.6700 • [www.mactec.com](http://www.mactec.com)

**Noise & Air Studies**  
All Your Noise and Air Assessment Needs Since 1981

**Mestre Greve Associates**  
Contacts: Matt Jones, P.E.  
Fred Greve, P.E.  
27812 El Lazo Road  
Laguna Niguel, CA 92677  
Tel: (949) 349-0671  
www.mgal.com

Studies for EIRs and EISs  
Caltrans/FHWA Assessments  
Noise Ordinance Compliance  
Air Toxics/Health Risk Assessments  
Noise Elements

**PETRA**  
past • present • future

**Geologists  
Geotechnical Engineers  
Environmental Scientists**

888-243-6100

**URS**

Garry Lay, PE, GE  
Farid Motamed, PE, GE

2020 East First Street  
Suite 400  
Santa Ana, CA 92705  
Tel: 714.835.6886  
Fax: 714.973.4062  
www.urscorp.com

915 Wilshire Boulevard  
Suite 700  
Los Angeles, CA 90017  
Tel: 213.996.2200  
Fax: 213.996.2374

**WALLACE GROUP®**

DEDICATION TO SERVICE®  
CIVIL ENGINEERING  
CONSTRUCTION MANAGEMENT  
LANDSCAPE ARCHITECTURE  
MECHANICAL ENGINEERING  
PLANNING  
PUBLIC WORKS ADMINISTRATION  
SURVEYING / GIS SOLUTIONS  
WATER RESOURCES

805 544-4011  
www.wallacegroup.us

**THE MOOTE GROUP**  
Land Development Solutions  
Integrity • Accuracy • Experience

Land Development Consultants  
Cost Estimating  
Construction Management  
Dry Utility Consulting/Coordination  
Public/Private Bid Administration  
CFO Administration  
Electro/Telephone Applicant Design  
Expert Witness/Litigation Support  
SBE, DBE, WBE Certified

Office: 714-751-5557  
1516 Brookhollow Drive  
Santa Ana, CA 92705

Contact:  
Marj Knitter, President - mknitter@moote.com or  
Mike McGovern, PE, FASCE - mmcgovern@moote.com

Paul A. Moote & Associates, Inc. www.moote.com

**The PRESSURE GROUT COMPANY**

Steven C. Chandler  
Branch Manager

1975 National Avenue  
Hayward, CA 94545-1709  
510-887-2244

1330 W. Gaylord Street  
Long Beach, CA 90813-1321  
562-432-4100

www.pressuregrout.com • e-mail: pgc@pressuregrout.com

**VA CONSULTING**

Max Vahid, P.E.  
President and CEO  
mvahid@vaconsultinginc.com  
Tel: 949.474.1400 | Fax: 949.261.8482

Engineering Services in:  
Flood Control | Drainage | Water Quality  
Potable Water | Recycled Water | Wastewater  
Transportation | Traffic | Plan Checking  
Structural | Land-Use Planning | Site Development  
Surveying | Construction Management

Offices in: Irvine • Corona • Palm Desert

**WEIL & DRAGE**  
Attorneys at Law  
www.weilndrage.com

Serving the Design Professional community in a wide range of construction and business-related matters.

California (949) 837-8200 • Nevada (702) 314-1905 • Arizona (602) 971-0159

**NMG**  
Geotechnical, inc.

Hayim Ninyo  
Ted Miyake

17991 Fitch, Irvine, CA 92614  
Phone (949) 442-2442 Fax (949) 476-8322  
E-Mail: hninyo@nmggeotechnical.com  
www.nmggeotechnical.com

**PSOMAS**

Land Development GIS  
Surveying & Mapping Water & Wastewater  
Construction Management Transportation  
Natural Resources Special District Financing

California | Colorado | Arizona | Utah | Nevada | Mexico  
www.psomas.com

## MATERIALS SUBMISSION INFORMATION

All graphic materials submitted for use in the ASCE newsletter should have all fonts outlined, and links included; EPS or PDF files preferred. Other formats are Adobe InDesign or Adobe Illustrator (any version); additional acceptable file formats are JPEG or TIFF files (minimum 300 dpi). Images embedded in Microsoft Word documents should be sent separately, at a minimum resolution of 300 dpi at the display size desired. Collected files, including links and fonts, should be compressed and e-mailed, or sent on CD or Zip disk (provide return address). Business cards can be submitted electronically as well, or send clean, crisp, B&W laser print, unfolded. This publication's size is 8½" x 11".

**MNS ENGINEERS INC.**

ENGINEERING  
SURVEYING  
CONSTRUCTION MANAGEMENT

Santa Barbara 805.692.6921 (corporate office)  
Buellton 805.688.5200  
San Luis Obispo 805.787.0326  
Ventura 805.648.4840

MNSENGINEERS.COM

**NORRIS-REPKE**  
Engineers & Land Surveyors

Capital Improvement Design  
City Engineering  
Land Surveying & GIS Services  
Construction Management  
Water and Sewer  
Building & Safety  
Engineering Software

TEL: 714-973-2230  
FAX: 714-973-2263  
www.norrisrepke.com  
400 N. Tustin Avenue, Suite 230, Santa Ana, CA 92705

**RBF CONSULTING**

PLANNING • DESIGN • CONSTRUCTION

Providing innovative, timely and cost effective solutions to today's design challenges through specialized client service

www.RBF.com

Offices located throughout California, Arizona and Nevada • 800-479-3808

**PACE**  
Advanced Water Engineering

ADVANCED WATER ENGINEERING  
...in partnership with nature

- Water / Wastewater
- Stormwater Management
- River / Wetland Restoration
- Manmade Lakes / Streams
- River Engineering
- Fountains / Pools

WWW.PACEWATER.COM  
HEADQUARTERS  
17520 Newhope Street, Suite 200 | Fountain Valley, California 92708  
main: 714.481.7300 fax: 714.481.7299  
ADDITIONAL LOCATIONS:  
PHOENIX, AZ • BEIJING, CHINA • CAIRO, EGYPT • MOSCOW, RUSSIA

P: (805) 543-1794 | www.rmdesign.com

**rrmdesigngroup**

creating environments people enjoy®

Community | Civic & Public Safety | Education | Recreation | Urban  
architects | engineers | landscape architects | planners | surveyors

**ADVANCED ENGINEERING SOFTWARE**

Software written & supported by the  
AUTHORS OF THE COUNTY MANUALS

advancedengineeringsoftware.com  
SD: (760) 510-5940, OC: (657) 229-0090

**Answer Key**  
to quiz on page 4  
(earliest year to most recent):  
D4, B3, F6, A5, E2, C1

**PARSONS**

100 West Walnut Street  
Pasadena, California 91124  
(626) 440-6263 • Cell: (626) 483-3171  
Fax: (626) 440-2702  
surendra.thakral@parsons.com

Surendra K. Thakral, P.E., BCEE  
Senior Vice President, Technology & Business Development

www.parsons.com

**SA ASSOCIATES**

Shahnawaz Ahmad  
CONSULTING ENGINEERS

Los Angeles County: 1130 W. Huntington Drive  
Unit 12, Arcadia, CA 91007  
Tel 626.821.3456  
Fax 626.445.1461  
Mobile 626.826.3456 • e-mail: saahmad@saassociates.net

Orange County: 1661 N. Raymond Avenue  
Suite 100, Anaheim, CA 92801  
Tel 714.871.9083  
Fax 714.871.3652

**PARSONS BRINCKERHOFF**

Moving California Forward

Los Angeles (818) 363-9470  
Orange (714) 973-4880  
Inland Empire (909) 888-1106  
Visit us on the web at pbworld.com

Civil - Planning - Water Resources - Inspection  
Surveying - Construction Management - Program Management  
Architecture - Environmental - Landscape Architecture

**TKE ENGINEERING & PLANNING**

2305 Chicago Avenue - Riverside - CA - 92507  
Ph. (951) 680-0440 • Fax (951) 680-0490  
www.tkeengineering.com

**Penfield & Smith**  
Engineering • Surveying • Planning  
Construction Management

- Civil Engineering
- Surveying & Mapping
- Land Use Planning
- Construction Management
- Traffic Engineering
- Transportation Planning
- Financing District Services

Santa Barbara Corporate Office (805) 963-9532  
Camarillo Office (805) 961-0706  
Santa Maria Office (805) 925-2345  
Lancaster Office (661) 949-6676

**TWINING LABORATORIES**  
OF SOUTHERN CALIFORNIA

Debanik Chaudhuri  
Chief Geotechnical Engineer  
562.426.3355 phone  
562.426.6424 fax  
562.355.8635 cell  
dchaudhuri@twininglabs.com  
www.twininglabs.com

2883 East Spring Street  
Suite 300  
Long Beach, CA 90806

Long Beach • San Bernardino • San Diego • Ventura • Sacramento

## Reminder:

Copy deadline for the September 2012 issue is August 1, 2012; copy deadline for the October 2012 issue is September 1, 2012.

**Too valuable to waste**

**Recycled tires:**  
For your paving & civil engineering projects

Grants • Technical Assistance  
www.PavingGreenRoads.com

**CalRecycle**



**POSTMASTER: THIS CONTAINS TIME-SENSITIVE MATERIALS.**  
**PLEASE DELIVER PROMPTLY.**



This newsletter is printed on  
Forest Stewardship Council  
(FSC)-certified paper using  
soy-based ink.

**Please contact ASCE Membership at**  
**1-800-548-ASCE for any address changes.**

## ASCE OFFICERS AND DIRECTORS OF THE LOS ANGELES SECTION, FY 2011-2012

President	John Hogan, P.E.	Hall & Foreman, Inc.	714-665-4507	jhogan@hfinc.com
President-Elect	Michael Thornton, P.E.	T K E Engineering Inc.	951-680-0440	mthornton@tkeengineering.com
Past President	Gregory Heiertz, P.E.	Irvine Ranch Water District	949-453-5560	heiertz@irwd.com
Secretary	Janice Horcasitas, P.E.	City of Bakersfield	661-326-3607	jhorcasi@bakersfieldcity.us
Treasurer	Katherine Shinkai, P.E.	LPA	949-701-4033	katherine.shinkai@gmail.com
Vice-President Student Activities	Gregg Fiegel, PhD, P.E.	Cal Poly San Luis Obispo	805-756-1307	gfiegel@calpoly.edu
Vice-President Technical Groups	Bill Flores, P.E.	HDR Engineering, Inc.	951-320-7311	bill.flores@hdrinc.com
Desert Area	Clarence Martin, P.E.	City of L.A. Department of Water and Power	760-873-0342	Clarence.Martin@ladwp.com
Metropolitan Los Angeles	Marlon Calderon, P.E.	City of LA, Bureau of Engineering	213-473-6233	marlon.calderon@lacity.org
Orange County Branch	Josh Nelson, P.E. M.ASCE	CNC Engineering	626-333-0336	Jnelson@cc-eng.com
San Bernardino/Riverside Counties	Rita Escobar	AECOM	714-567-2498	Rita.escobar@aecom.com
San Luis Obispo	Vallerie Huff, P.E.	Wallace Group	805-544-4011	valerieh@wallacegroup.us
Santa Barbara/Ventura Counties	Marta Alvarez, P.E., P.L.S.	Y.C.E. Engineering & Surveying	805-650-6995	yce-mya@pacbell.net
Southern San Joaquin	Jay Schlosser, P.E.	AECOM	661-325-7253	Jay.schlosser@aecom.com
Younger Member Forum	Amber Girard	CH2MHill	213-228-8207	Amber.Girard@CH2M.com
Life Member Forum	Larry Lewis, P.E.	Retired / City of Los Angeles	562-927-2088	ML3Lewis@aol.com
Region 9 Governor	Jay Higgins, P.E.	URS Corporation	818-406-4896	jay_higgins@urscorp.com

## NEWSLETTER INFORMATION

### Publisher

ASCE LA Section  
Gayle Stewart  
1405 Warner Ave., Suite B  
Tustin, CA 92780  
Phone (714) 258-8306  
Fax (714) 258-8391  
E-mail: GStewart@associationplanet.com

### Editor

Dr. Cris B. Liban, P.E.  
LACMTA  
One Gateway Plaza  
Mail Stop 99-17-2  
Los Angeles, CA 90012  
Phone (213) 922-2471  
FAX (213) 922-6875  
E-mail: cliban@UCLAlumni.net  
Typesetting, Layout & Printing: The Center Quickprint



Please send all copy to the Editor by  
the first of the month preceding publication.

### Identification Statement

ASCE Newsletter, (ISSN 0273-6233)  
is published monthly by ASCE,  
Los Angeles Section, 1405 Warner Ave.  
Tustin, California 92780. Subscription price  
included in Section dues of \$45.

### Circulation

Circulated monthly (except for a joint  
July/August issue) to the 5,000 subscribing  
members of the Los Angeles Section, ASCE.

### Advertising Rates

EMPLOYMENT ADS	DISPLAY ADS
\$75/column inch	1/8 page \$150
	1/4 page \$250
	1/2 page \$415
	1 page \$690

### PROFESSIONAL DIRECTORY

\$350 per business card for a full year  
(Additional fees may be applied for typesetting.  
Please call for information.)

### POSITION WANTED ADS

No cost to L.A. Section members.

For more advertising and billing information,  
please contact Gayle Stewart at (714) 258-8306  
or gstewart@associationplanet.com

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