

Los Angeles Section

Monthly: Est. 1913

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PRESIDENT'S MESSAGE

John Rogers, P.E., F.ASCE
Los Angeles Section President

VOL. LVI NO. 4

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With all of the news media being in high gear right now covering the Presidential hopefuls, and with candidates in both major parties beating each other up on a regular basis, an interesting old saying comes to mind: **“May you live in interesting times.”** Purportedly an ancient Chinese curse, no historic source has been found, and the phrase appears to have originated in England about 1936. It has a nice ring to it, though, and it has been used variously in an address by Robert F. Kennedy in 1966, in a 2003 book by Hillary Clinton, and on a Star Trek episode (Season 1 Episode 6, just in case you're a Trekkie) (thank you, Wikipedia).

These are interesting times, particularly for Civil Engineers who are concerned about the actions of the various Legislative bodies, at all levels, and how those actions affect our lives, our communities, and our daily work. The civil works projects that all of us depend upon for the orderly development of our communities, the freeways and water systems, sewer systems and flood control schemes, airports, harbors, railroads and navigable waterways all arise primarily from various levels of government funding. Those of us who work on private-sector projects cannot be unconcerned; private developments cannot succeed if the end users have no water or sewer service, or if a project is made so unattractive by bad traffic that customers will simply avoid it.

Your Society recognizes all of this, and responds in very energetic fashion. 200 Society members from all 50 States spent two days in Washington last month, participating in superbly organized, high-energy training and preparation, followed by carefully planned and pre-scheduled trips to the offices of the individual member's representatives and senators. The messages they were asked to deliver were very specific – thanking our Legislators for passing the FAST (Fixing America's Surface Transportation) Act, which President Obama signed into law on Dec. 14, 2015, and asking them to reauthorize the Federal Aviation Administration. Also, the Water Resources Reform and Development Act of 2014 was passed, but never funded, an ever-more-common situation given the current climate in Congress. Finally, we are asking Congress to support a new Water Resources Development Act in 2016.

ASCE's National Government program is capably led by our Managing Director for Government Relations and Infrastructure Initiatives, Brian Pallasch, who can be reached through National Headquarters in Reston, or by e-mail at bpallasch@asce.org.

One very effective way to participate in a grassroots Legislative effort is through ASCE's "Key Contact" program, which is e-mail based and can be accessed through the national website at www.asce.org. By giving your name, e-mail address and ASCE membership number, you will be provided with occasional opportunities to communicate directly with the local office of your Senator or Representative. You have the expertise, and the credentials, to provide vital information to your elected representative on issues on which YOU ARE THE EXPERT! Keep that in mind as you speak with your Congressperson's or

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California Board for Professional Engineers, Land Surveyors, and Geologists (BPELSG)

by Oscar Serrano, P.E., M.ASCE, Region 9 Governor



As chair of the American Society of Civil Engineers (ASCE) Region 9 Board of Professional Engineers, Land Surveyors, and Geologists (BPELSG) Committee, this past year I was asked to develop the purpose and goals for the committee. The purpose of the committee is to provide a liaison between the ASCE Region 9 Board of Governors and the BPELSG Board.

One of the goals of the committee is to assist the BPELSG Board with matters pertaining to Civil Engineers. After all, actions that the BPELSG Board takes impact us as civil engineers such as their positions on legislation. At each meeting, the BPELSG Board discusses current legislation that they are watching, supporting or opposed to. Over this past year, a lot of discussion has occurred on Assembly Bill 320 which would create a new title act for Environmental Engineers. That bill failed to pass.

In California, there are several levels of licensure. First there are three practice acts: Civil, Mechanical and Electrical Engineer. According to the BPELSG website this means that "only a person appropriately licensed with the Board may practice or offer to practice these branches of engineering." There are also nine title acts: Agricultural, Chemical, Control System, Fire Protection, Industrial, Metallurgical, Nuclear, Petroleum, and Traffic Engineering. Title act means that "only a person licensed by the Board in that branch of engineering may use the title in any manner." If AB 320 had passed, the BPELSG would have developed an Environmental Engineer exam or possibly use the national exam. Applicants who passed this exam could then use the title Environmental Engineer. Currently, any person can call themselves an Environmental Engineer.

There is also a third level of licensure in California called Authority, which refers to the Structural and Geotechnical Engineering licenses. "An authority indicates a proficiency in that field greater than what is required for civil engineering licensure." The BPELSG Board also oversees Land Surveyor and Geologists and Geophysics exams.

A second goal of the Region 9 BPELSG committee is to provide the BPELSG Board with information regarding ASCE initiatives like Raise the Bar (<http://www.raisethebarforengineering.org/>). The State of California currently does not require a master's degree in engineering to obtain your professional engineer license, and Raise the Bar seeks to advocate for this change for future licensure. For more information on the Raise the Bar initiative contact the ASCE Region 9 Raise the Bar committee chair, Kwame Agyare, at agyare.kwame@gmail.com.

The third goal of the committee is to endeavor to attend each of the BPELSG Board meetings. It is important to let the BPELSG Board know that ASCE is at their meetings, and is interested in providing input on matters pertinent to civil engineers. The BPELSG Board holds its meetings throughout California, and so the Region 9 Board often has to utilize its statewide resources and ask our ASCE members throughout the state to represent the committee.

The next BPELSG Board meeting is scheduled for April 21-22 at the Judge Joseph Rattigan Building, Conference Room 410, 50 "D" Street in Santa Rosa. The agenda and meeting materials will be available here (http://www.bpelsg.ca.gov/about_us/meetings/index.shtml) along with the full schedule of meetings for 2016. For more information on the ASCE Region 9 BPELSG committee, contact Oscar Serrano at oserrano@colusa-nsn.gov.

Utility Engineering & Surveying Institute (UESI) Overview

by Randy (Randall) Hill, P.E., F.ASCE, Principal, RCH Engineering, UESI Board President



UESI offers civil engineering and surveying professionals working within the utility and pipelines engineering and the surveying communities a recognizable home which they can join to collectively work to improve our profession.

The UESI was formed by combining the Pipelines Division and the Geomatics Division from the Committee on Technical Advancement and the Utility Engineering Committee from the Construction

Institute. UESI began operation on October 1, 2015 and ten Board of Governors will provide policy leadership for the new Institute. The three Executive Committees of the two founding divisions and committee provide the leadership and technical oversight for the three active divisions. Recently, the Standards Division has become active and will lead efforts to oversee the production of a multiple of new standards for civil engineers and surveyors. The Construction Inspection and Asset Management Divisions will become active in the near future as leadership volunteers are identified.

Currently, UESI supports four local UESI Chapters across the country. In addition, four organizational members have pledged support for

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Senator's local office staff. They will respect your knowledge as a Civil Engineer as well as a taxpayer – and a voter.

We are not silent at the State level, either. Region 9, encompassing all of the State of California, is represented in the Capital's halls in Sacramento by our Legislative Advocate, Richard Markuson (richard@pacificadvocacygroup.com), and by the Region 9 Legislative Day Chair, Tyler Lawson (tlawson@plsaengineering.com). A one-day legislative fly-in to Sacramento is planned for May 18 this year.

You can be just as effective on these issues at the local level as well. City Councils, County Boards of Supervisors, and the Directors of California's 2,100 Special Districts know and respect Civil Engineers. These elected officials are typically not Engineers. They may be attorneys, real estate people, accountants, or just plain homeowners, but they are probably not Engineers. They will welcome and seek out your advice and recommendations on a wide variety of development, construction and infrastructure-related issues. But they most likely won't even know you are available – you must take the initiative to be of any assistance.

Two actual incidents bear repeating. The first speaks to involvement, or the lack thereof. We have over 8,000 members in the Los Angeles Section of ASCE, ranging from San Pedro to Lone Pine, and from Blythe to San Luis Obispo. Many are members of the aforementioned

Key Contact program. The Los Angeles Section office sent out an urgent appeal to its members to contact their legislator's local office about a key issue that was before Congress. We sent out a blast e-mail to all 8,000 members, asking them to call their congressperson and provide support for a particular measure that was under consideration. A follow-up effort after the fact revealed that only EIGHT calls had been made. Considering that Engineers are responsible, knowledgeable people who can be counted on in so many ways, this is just Not Okay.

Finally, you should know that we do have many friends in Washington and elsewhere. During the Legislative Fly-In to Washington, D.C. last year, the entire California delegation of about 25 people were scheduled to call on Senator Barbara Boxer. She pre-empted us, meeting us in the hall of the Hart Senate Office Building with arms wide open and a big smile, inviting us all in for a posed photo. She told us to save our efforts, didn't even want to know what we were there to lobby for. She already knew all about our interests, and is probably a stronger supporter of ASCE's infrastructure funding initiatives than all the other 99 Senators combined.

Now that's the kind of response we hope you will receive as you visit your local elected official's home office.

ARTICLE

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UESI. As of March 1, 2016, UESI membership is 673 members strong. If your professional interest areas are in Utilities, Pipelines and or Surveying you should consider joining UESI. For more information about UESI visit: <http://www.asce.org/utility-engineering-and-surveying/utility-engineering-and-surveying-institute/>

Vision

UESI will be the worldwide leader in generating products and services that promote and reward excellence in the engineering, planning, design, construction, operations, and asset management for utility infrastructure and engineering surveying.

Values

- o To provide excellence in the identification, development and delivery of quality programs, services and products that meet the needs of the Institute members and their organizations.
- o The Institute will provide leadership within all aspects of utility infrastructure, engineering surveying and geomatics issues.
- o The Institute will provide communication in a timely and effective manner, providing a neutral forum for open exchange of ideas.
- o Collaborate with others for actions and improvement on critical issues.
- o Provide fiscal responsibility in effectively providing and managing human and financial resources.
- o Ensure actions are timely and strategic.

Goals

- o Provide a national and international forum for exchange of technical and professional ideas.
 - o Identify and disseminate developing technologies and research.
 - o Develop and promote asset management best practices.
 - o Partner with national and international organizations that are similar in nature to the Institute.
 - o Enhance collaboration with ASCE's technical, professional, and educational groups.
 - o Identify, reduce, and manage uncertainty in surveying and utility infrastructure.
 - o Assist in the development of associated public policy.
- For more information, please visit <http://www.asce.org/uesi>





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17TH ANNUAL **COMPLETE STREETS & TECHNOLOGY** CONFERENCE

SAVE THE DATE ✓

Wednesday
April 20, 2016
8 a.m. - 3:30 p.m.



ENGAGING TOPICS OF BENEFIT TO CURRENT PUBLIC WORKS PRACTITIONERS:

- Plans, Specifications and Estimates (PS&E)
- Mobile Computer Applications
- Construction Management Best Management Practices
- ADA Accessibility Compliance
- Pavement Management Advances
- Tech Tools for Operations Maintenance
- Green Streets and Water Quality
- 3 Complete Streets Sessions:
 - Active Transportation Funding & Safety
 - Sustainable Streetscapes
 - Complete Streets Stories

PLUS | BONUS LUNCH PRESENTATION



DETAILS

Carson Community Center
801 East Carson Street
Carson, CA 90745
Wednesday, April 20, 2016
8 a.m. - 3:30 p.m.



EXHIBITORS

If you are interested in being
an Exhibitor, please contact:
Alan Rigg
(714) 890-4203
arigg@ci.stanton.ca.us



COST

\$145 Members
\$165 Non-Members
\$165 Walk-ins | \$525 Vendors
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to register! (\$50 thereafter)

For more information contact: Sylvia Robles at srobles@santa-ana.org or visit www.southernca.apwa.net



ASCE California Legislative Fly-In Save the Date May 18, 2016 California State Capitol, Sacramento



Save the Date May 18 and join ASCE Region 9 in Sacramento to advocate for Infrastructure

Legislative Training & State Capitol Visits

May 18, 2016

State Capitol, Sacramento, CA

8:30 AM-11:30 AM

Legislative Process Training; Public Relations Training; Review ASCE Legislative Talking Points

11:30 AM-12:30PM

Lunch and Picture-Taking

1:00 PM-4:00 PM

Legislative Visits at the California State Capitol, 1315 10th Street, Sacramento, CA 95814

For additional information or to participate, contact: Mojgan (MJ) Hashemi, Chair, ASCE Region 9 Government Relations Committee, at mhashemi@mwdh2o.com

Pre-Event Workshop and Advocacy Training on Raise-the-Bar for Engineering

May 17, 2016

4:00 PM-7:00PM

Kimley-Horn & Associates, Inc

555 Capitol Mall, Suite 300

Sacramento, CA 95814

For additional information on the pre-event workshop, contact: Kwame Agyare, Chair, ASCE Region 9 Raise the Bar Committee, at agyare.kwame@gmail.com

SUGGESTED HOTEL ACCOMMODATIONS

Holiday Inn Sacramento – Capitol Plaza, 300 J St, Sacramento, CA 95814

Los Angeles Section Honors 2016 New Life Members

by Garvin Pederson, P.E. LMF



Los Angeles Section's 2016 class of new Life Members were honored at a luncheon held at the Monterey Hill Restaurant in Monterey Park on March 5th. The Los Angeles Section has continued its tradition of honoring new Life Members and publicly recognizing their professional accomplishments. The "New Life Member committee" is chaired by Joe

Buley who has continued each year to arrange an outstanding event. Thanks is also given to Gayle Stewart the Section's administrator who worked with Joe to make all the arrangements.

L. A. Section President, John Rogers and Life Member Forum President Larry Lewis served as master's of ceremonies for this year's event which was well attended by some 130 attendees including a large contingent of students from California Baptist University, USC, UCLA and Cal Poly University Pomona. The students and Life Members blended extremely well with each other and enjoyed conversing about past professional experiences and the students future plans.

ASCE Society President-Elect, Norma Jean Mattei, Ph.D. P.E., F. ASCE was the keynote speaker. Dr. Mattei is a professor of Civil Engineering at Tulane University in New Orleans. Dr Mattei's message emphasized ASCE's current initiatives: Sustainability, Infrastructure, and Raise the Bar. She pointed out that ASCE's report card on the nations infrastructure gave the infrastructure a grade of D+. The rebuilding of much of the nation's infrastructure is a very critical public safety problem and will need civil engineering solutions and management far into the future. In order to accomplish much of this she stressed raising the bar on engineering education to meet all the new challenges.

Dr. Anthony Donaldson, Dean of Engineering at California Baptist University (CBU) in addition to giving the invocation, gave a short presentation on the construction of their new engineering facility. They have greatly expanded these facilities in a very short time span.

The "Robert W. Bein Annual Lifetime Achievement Award" was presented to current L.A. Section President John B. Rogers, P.E. F. ASCE, John is a Life Member and this honor is well deserved for all his past and present work with ASCE.

Mark Norton, P.E., F.ASCE, Governor of ASCE Region summarized each new life member's professional career, that was in attendance at this event. Larry Lewis, then presented the life member certificate. Dr. Mattei and John Rogers offered their personal congratulations along with a personal photo.

The following are the L.A. Section's new life members, congratulations to all: Joyce Y. Amerson, Mohsen Beikae, James Bolten, Paul S. Carver, Dr. Jing-Chang Chen, Ruth J. Crider, Curtis D. Dietz, Catalino Garcia Espiritu, Dr. Hany J. Farran, S. Thomas Freeman, Raul Gallo, Robert D. Grossman, Edward R. Haninger, Bruce David Harrigan, Patrick Austin Hayes, John C. Hogan, Michael C. Hudson, Kevin V. Keegan, Ross Khiabani, Kishin Khilnani, James S. Lai, Ignatius Po Lam, George Liang, Do Gene Mar, Edward McSpedon, Anthony J. Nisich, Bartlett West Patton, Thomas Clarke Rath, Terry W. Schroepfer, Eric Dale Sosnowski, Roger V. Stephenson, Willian Chi Fong Ting, Gregory K. Van Sande, Dr. Ernesto Edgardo Vicente, Stephen L. Walker, Ting-Yuen Wang, John R. Whitmore, William A. Wilbanks, Dennis R. Wilberg, Steven H. Yamanoha, Torrey Yee.



ASCE 2016 Life Members, Front Row, L-R: Hany Farran, Do Gene Mar, Gregory Van Sande, James Lai, Thomas Rath, and Michael Hudson.
Back Row: Ernesto Vicente, Kevin Keegan, Raul Gallo, Paul Carver, Anthony Nisich, Patrick Hayes, Terry Schroepfer, Jing-Chang Chen, and John Hogan.



2016 Life Member - Paul Carver



2016 Life Member - Jing-Chang Chen, Ph.D.



2016 Life Member - Hany Farran, Ph.D.



2016 Life Member - Paul Gallo



2016 Life Member - Patrick Hayes



2016 Life Member - John Hogan



2016 Life Member - Michael Hudson



2016 Life Member - Kevin Keegan



2016 Life Member - James Lai



2016 Life Member - Do Gene Mar



2016 Life Member - Anthony Nisich



2016 Life Member - Thomas Rath



2016 Life Member - Terry Schroeffer



2016 Life Member - Gregory Van Sande



2016 Life Member - Ernesto Vicente, Ph.D.

State Investments and Legislative Update

by Richard Markuson, CA Region 9 Legislative Advocate



The State Legislature is in month three of its 2016 session, and many infrastructure issues – including the transportation special session – are still pending. The Legislature did pass a bi-partisan compromise on healthcare which leads some to believe a deal on the Governor's transportation plan might be close at hand.

Senator Anthony Cannella introduced **SR 58** to recognize the week of February 21 through 27, 2016, as Engineers Week.

Assemblyman Eric Linder introduced AB 1833 that would create the Advanced Mitigation Program in the Department of Transportation to implement environmental mitigation measures in advance of future transportation projects.

Assemblyman Kevin McCarty introduced AB 1886 that changes the current CEQA exemption for transit priority projects meeting certain requirements, if, among other things, all parcels within the project have no more than 25% of their area farther than 1/2 mile from the stop or corridor. This bill would increase that percentage to 50%.

Assembly Member Ling-Ling Chang introduced AB 1925 that would establish goals to desalinate drinking water per year by the years 2025 and 2030.

Assembly Member Melendez introduced AB 2040, that would allow a credit equal to 25% of the amount paid or incurred by a qualified taxpayer for water-efficiency improvements on qualified real property in this state.

Two bills were introduced to “modernize” the Land Surveyors Act. Neither SB 1165 (Cannella) nor AB 2560 (Oberholte) include details but the sponsors (California and Nevada Civil Engineers and Land Surveyors Association Inc. and Operating Engineers) suggest “the ambiguity in the current definition to some degree limits the scope and effectiveness to adequately protect the public health and welfare given the advent of improved technologies for the gathering and processing of data used in the practice of land surveying. There is also increasing evidence that unlicensed and unqualified personnel

are increasingly providing unregulated services which are within the rubric of land surveying. These proposed amendments would define “land surveying” with greater precision. It is also necessary to increase the enforcement budget of the Board of Professional Engineers, Land Surveyors, and Geologists, as well as increase penalties for violations of the Professional Land Surveyors Act by unlicensed practitioners, to effectuate the purposes of the Act and to better serve and protect the general public.”

Appointments

As deputy secretary for ocean and coastal matters at the California Natural Resource Agency: **Deborah Halberstadt**, Sacramento, deputy attorney general in the Environment Section at the CA Dept. of Justice Office of the Attorney General.

Reappointed to State Water Resources Control Board: **Steven Moore**, Sausalito, has been on SWRCB since 2012 and formerly was a civil and sanitary engineer at Nute Engineering.

Recent Reports

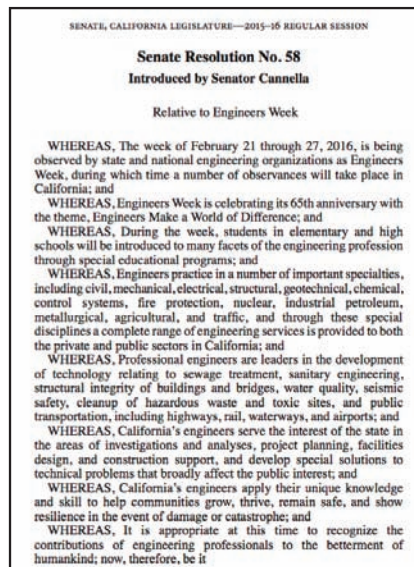
State Water Resources Control Board has released its latest water conservation data, finds statewide water savings for December 2015 was 18.3 percent, also shows for June through December, the cumulative statewide reduction was 25.5 percent, which “equates to almost 1.1 million acre-feet of water saved, putting the state 91 percent of the way to meeting the 1.2 million acre-feet savings goal to be achieved through February 2016.”

California Dept. of Water Resources has released results of its second manual survey of Sierra Nevada snowpack this winter, finds snow depth of 76.2 inches at Phillips Station and water content in the mountains at 20.4 inches statewide, “114 percent of normal for February 2,” but notes that “most of the state’s major reservoirs still hold much less than their historical averages for early February” and encourage Californians to continue water conservation.

Pro Tem Kevin de Leon’s office released first report from the Independent Review Panel, three member panel established by SB 83 to review Dept. of Toxic Substances Control programs and recommend improvements; report “reveals an organization failing to perform its basic function of protecting the public and environment from industrial hazardous waste and contamination,” recommendations include creating “Permit Appeals Board to decide all Hazardous Waste Facility Permits applications that the DTSC has failed to process within 3 years of the permit expiration date.”

Dept. of Finance has released its letter to the Legislature detailing the status of appropriations to address drought, reports that out of \$628 million appropriated for near-term effects \$437 million had been committed as of Dec. 31, 2015 and another \$139 million will be committed by June 30, 2015; also reports that out of \$3 billion appropriated for long-term projects \$471 has been committed and another \$622 million will be committed by June 30.

The Legislative Analyst’s Office has released its report, “The 2016-17 Budget: The Governor’s State Office Building Proposal,” outlines



the Governor's proposed one-time funding of \$1.5 billion from the General Fund to be deposited into a new State Office Infrastructure Fund with monies continuously appropriated for the replacement and renovation of state office buildings in the Sacramento area, says "administration's focus on infrastructure makes sense," but among its recommendations, urges the Legislature to require the administration to submit additional details by April 1, 2016, and reject the use of a continuous appropriation and require the administration to use the typical budget process for seeking project approvals.

Delta Stewardship Council releases its 2015 Annual Report, describes council's role in the public discussion of the plan to build water conveyance tunnels in the Delta and its opinion that "recognized the need for improved conveyance but urged improvements to maintain a more natural hydrologic flow through the Delta;" as well as its role in helping the CA Water Commission develop guidelines for spending \$2.7 billion in Prop. 1 funds on water storage projects.

The U.S. Environmental Protection Agency released Greenhouse Gas Reporting Rule: Leak Detection Methodology Revisions and Confidentiality Determinations for Petroleum and Natural Gas Systems." (Proposed Rule) "The EPA is proposing revisions and confidentiality determinations for the petroleum and natural gas systems source category of the Greenhouse Gas Reporting Program (GHGRP). In particular, the EPA is proposing to add new monitoring methods for detecting leaks from oil and gas equipment in the petroleum and natural gas systems source category consistent with the leak detection methods in the recently proposed new source performance standards (NSPS) for the oil and gas industry. The EPA

is also proposing to add emission factors for leaking equipment to be used in conjunction with these monitoring methods to calculate and report greenhouse gas (GHG) emissions resulting from equipment leaks." This rule may be of value to readers given the ongoing situation in Porter Ranch. Comments must be received on or before Feb. 29, 2016.

Public Policy Institute of California released Improving the Federal Response to Western Drought: Five Areas for Reform "This report begins with a spotlight on the latest western drought, followed by a roadmap of the various federal roles that touch on western water management. It then identifies a suite of modest, pragmatic federal actions that can help western states prepare for droughts and water scarcity—and better manage drought emergencies when they do occur. These recommendations are based on analysis of public information and interviews with more than 40 individuals at the federal, state, and local levels."

US PIRG Education Fund released Highway Boondoggles 2: More Wasted Money and America's Transportation Future. In this report, the authors provide critiques of twelve large highway projects across the country. The report argues that these projects are not justified either because they would not provide a benefit to the transportation system, or because their negative impact on surrounding communities outweighs any advantages. Additionally, the authors contend that the transportation needs of Americans are changing, and expanding highways may not be the best use of transportation dollars. Included in the critique is the proposed San Gabriel Valley Route 710 double-bore tunnel.

ARTICLE

Participate In A California Pilot Project



California will soon launch a pilot project to explore road charging as a potential replacement for the gas tax. As vehicle fuel efficiency improves, fewer gallons of gas are purchased and funding we need to maintain our roads is declining. Caltrans is recruiting a diverse group of 5000 drivers

to help determine whether paying by the mile instead of by the gallon can help our state better maintain its highway system in the long-term. Learn more and see how you can participate in this important study: www.californiaroadchargepilot.com



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American Society of Civil Engineers

www.ascelasection.org



POST-DISASTER SAFETY ASSESSMENT PROGRAM (SAP) EVALUATOR & COORDINATOR TRAINING

May 24th, 2016 in Lakewood

**Is your agency ready to deal with the aftermath of a disaster?
Become a Disaster Service Worker**

Upon completion of this course, registered engineers, geologists, licensed architects, certified building officials and inspectors, and Public Works inspectors with Division IV certificates will receive a State issued Cal-EMA identification card and are eligible for reimbursement when deployed. All others will receive a certificate and will be issued an ID card when they obtain the credentials.

Workshop Benefits:

- Comprehensive overview of Cal EMA Safety Assessment Program
- Learn about Mutual Aid Response and your role
- Study the concept of Emergency Operations
- Explore the criteria for assessing the degree of severity of damage in buildings and lifeline systems
- Determine procedures for posting and barricading buildings
- Develop your skills to use FEMA approved Field Manuals
- Find out about FEMA reimbursement criteria
- Learn the liability protection laws for responders
- Learn to protect your personal safety & preparedness

Space is limited- Register early

Date/Time: May 24, 2016, 8:30 a.m. to 5:00 p.m. (Registration: 8:00)

Location: The Center at Sycamore Plaza, 5000 Clark Ave, Lakewood, CA 90712

Course Fee: Evaluator Class: \$95.00 (ASCE members \$80)

Coordinator Class: \$35.00, 3:00 - 5:00 pm – Government Employees Only

Register: <https://www.eventbrite.com/e/post-disaster-safety-assessment-program-sap-may-24-2016-tickets-24235688597>

(Supplies, Breakfast, lunch & refreshments provided)



AMERICAN SOCIETY OF CIVIL ENGINEERS
Los Angeles & Orange County Sections

POST-DISASTER SAFETY ASSESSMENT PROGRAM (SAP) EVALUATOR & COORDINATOR TRAINING

SAP has been used successfully in responding to disaster, such as the Northridge, Napa, and San Simeon earthquakes in California, and Hurricane Katrina.

Trainers:

Sudi Shoja, P.E., F.ASCE, Certified SAP Trainer

For the past 25 years, Sudi has been responding to earthquake events locally and internationally. She is a certified trainer and presents nationally on emergency management topics. She is the chair of EM Committee for ASCE LA Chapter and APWA San Diego Chapter and serves on several safety councils for school districts and other groups.

Larry Pierce, P.E., Certified Evaluator

Mr. Lawrence (Larry) D. Pierce has more than 40 years of diversified experience in all aspects of planning, design and construction management, including the management of large multiple construction and consultant contracts on a wide variety of projects, ranging from pump stations, pipelines, reservoirs, municipal, flood control, military facilities, waterfront structures, airfields, airport terminals, and building renovations to convention center facilities.

In 2012, he led a yearlong team effort for the San Diego ASCE Section developing its 2012 San Diego County Infrastructure Report Card. Mr. Pierce has made numerous requested Report Card presentations to agencies and engineering groups. He is part of the National ASCE team for the introduction of newly released ASCE National 2013 Report Card for America's Infrastructure.

Mehdi Saberi, S.E., Certified Evaluator

Mehdi Saberi is a registered structural engineer with over 30 years of experience in structural design of commercial, industrial and residential buildings.

Mr. Saberi has been working as an expert witness for the past decade, defendants and plaintiffs in complex cases of damaged structures. He has personally trained many engineers on post-earthquake and fire inspections. Mr. Saberi is considered a subject matter expert in seismic and structural reliability issues.

Register Online Now at <https://www.eventbrite.com/e/post-disaster-safety-assessment-program-sap-may-24-2016-tickets-24235688597>

Questions: Sudi Shoja: 949-797-6055 or Sudi@EngineeringSolutionsServices.net

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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@alumni.ucla.edu
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