

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

Yazdan Emrani, P.E.
Los Angeles Section President

Farewell



This is my last article as the President of the Los Angeles Section. I am amazed by how quickly this whole year went by; and what a year it has been. I have met a lot of our members from different Branches this year and have appreciated hearing from others about their opinions and concerns regarding our profession, our business, and our section.

In my first article, last October, I mentioned that LA Section is the second largest section in ASCE, being second to the entire state of Texas. That may be so, but the Los Angeles Section is the best Section in the entire ASCE universe, because of the level of dedication and excellence of its members. If you take a look at all the committees that we have and all the activities that we do, we are second to none. So, with that in mind, I thought it would only be fair to give you a quick review of the highlights of the past year and the people who made it happen. Each year, the incoming President, sets the Section's strategic goals and together with the officers of the Board and various committees works on implementing them.

Last October, at the beginning of my term, I set out four major goals for the Section. These were: 1) Advocacy for Infrastructure Investment and Renewal, 2) Membership Development, 3) Leadership Development, and 4) Visiting every Branch in the Section. To accomplish the first goal, we reached out and forged several alliances. First we initiated a dialogue with Engineers Contractor's Association (ECA). Similar to ASCE, ECA is an advocacy organization with a large membership of contractors and construction professionals. ECA, since 1976 has served underground and heavy construction professionals in Southern California providing leadership and education of regulatory bodies to promote a healthy construction environment and informing the industry on critical developments. ECA's goals is to work with cities, counties and other agencies and invest upfront money in public works projects to give struggling municipal agencies the ability to renew their failing infrastructure. This helps municipalities implement their capital improvement programs while creating jobs in Southern California. ASCE's goal is infrastructure investment and renewal advocacy. It only made sense to decide to align our respective organizations to intensify our message. This is why upon further dialog with ECA, the LA Section Board has agreed to work with ECA and help cities develop their own infrastructure report card that can be used to educate their council and citizens on needed action.

Additionally we worked with Association of California Cities – Orange County to develop a regional infrastructure symposium. The symposium was held on May 29th and by all accounts was a huge success. I was one of the speakers covering the dual topics of report card and how to prioritize infrastructure funding. ASCE LA Section also had a booth at this event. The symposium generated a lot of positive buzz for ASCE and our mission.

As for Membership Development, this was also a great year for membership development. Thanks to tireless work of our Membership Chair, **Brad Dybel**, we hit a high of 8,740 members in February of this year. Although final numbers for our end of the year won't be in until end of September, I feel we covered a lot of ground this year through everyone's hard work and efforts.

Regarding Leadership Development; there were a lot of activities that the Section and our individual committee did which made this task extremely successful. First and foremost, thanks to the efforts of **Carolyn Berg** and the San Luis Obispo (SLO) Branch, they established, with the LA Section Board's blessing and funding, the newest Younger Member Forum (YMF) in our Section. This is a huge undertaking as it takes a lot of effort and commitment to bring the

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Disaster Preparedness Committee

by *Ziad Mazboudi, PE, F. ASCE, Region 9 Chair*



Are you READY? If not, what can you do to help?

Here are some statistics: There have been: (M1.5 or greater)

- 72 earthquakes today (June 30, 2014)
- 661 earthquakes in the past 7 days
- 2,969 earthquakes in the past month
- 37,867 earthquakes in the past year

Some of us remember the 1994 Northridge earthquake, others probably want to forget the San Francisco/Oakland earthquake (known as the Loma Prieta earthquake) of 1989, or the Calxico earthquake of 2010, or even the most recent La Habra earthquake of 2014. Earthquakes cause damage, sometimes a lot of damage and can impact communities significantly. We avoid thinking about them, think that they won't happen, are reminded at various annual events that they would come, the Big One is coming! Some of us think about it, worry, prepare to protect their family, but time passes and nothing happens until the next one shakes us then we are reminded that it could happen. Well, just like death and taxes, the matter of fact is that earthquakes will take place in California. Sometimes, we will be lucky and we will have a gentle roll, but others will not be as forgiving and will give us the shake of our life, in addition to us shaking, structures and facilities will shake and sometimes to the point of failure or partial failure. As part of the California Office of Emergency Service (CalOES)'s way of dealing with quakes, staff developed a Safety Assessment Program to help evaluate the amount of damage caused to structures, and to mostly allow people to get as fast as possible back into their homes.

When I ask if you are ready, I mean, are you ready to help yourself, your family, your colleagues and your neighbors, then your community if anything goes really bad. As this is the first and most important task. I suggest that if you have not, you should take a First Aid and CPR class, prepare a disaster response plan for you and your family, for your work area. These are the basic actions that would pay off following a disaster. The next would include joining a Community Emergency Response Team (CERT). This Program educates people about disaster preparedness for hazards that may impact their area and trains them in basic disaster response skills, such as fire safety, light search and rescue, team organization, and disaster medical operations. Using the training learned in the classroom and during exercises, CERT members can assist others in their neighborhood or workplace following an event when professional responders are not immediately available to help. CERT members also are encouraged to support emergency response agencies by taking a more active role in emergency preparedness projects in their community. As a Civil Engineer, you may be able to help in a way that a fireman or a policeman may not be able to, put a roof over a family's heads. The American Society of Civil Engineers, Region 9, is a partner with CalOES and is an approved professional organization that trains its members, and assists in case of a disaster by deploying volunteers at the request of CalOES to evaluate structures for occupancy. As civil engineers, we can help the Public following a disaster, because volunteers will make a difference between people spending the nights in a shelter or in their own bed. The Federal government, the State of California and local government will be overwhelmed in case of a large disaster and they will need volunteers to assist. So, we train volunteers in various parts of California, so that we have

enough trained members able to assist. This training is sanctioned through the Governor's Office of Emergency Services. Each qualified participant will receive a Post Disaster Inspection Identification Card issued by the Governor's Office of Emergency Services. This full-day training will provide guidelines and procedures for making post disaster building safety evaluations. The purpose of these evaluations is to determine whether damaged or partially damaged buildings are safe for use or if entry should be restricted or prohibited.

We currently have over 650 out of a membership of 19,000 trained evaluators Statewide. That is about 3% of the total number of members. The plan is to have as many of our members as possible certified, with an initial goal of 10%. ASCE will hold training throughout the State to increase the number of volunteers. We hope to have a disaster preparedness committee in every section and hopefully some day in every branch. If you are interested in becoming a part of the disaster preparedness committee at the leadership level, please contact me to discuss your interest. We also plan on holding "train the trainer" classes, so that we can increase the number of classes provided statewide. If you are interested in becoming an instructor, please e-mail me.

One of the issues we encounter following a disaster or during drills, is that we cannot contact some members who were trained. If you have been trained, please update your ASCE membership information to reflect your latest job, e-mail address, provide alternate e-mail address such as your personal e-mail, cell phone number. We need to be able to contact you in case of a disaster, so if you change jobs or move, please update your information.

For further information or to contact me, please e-mail me at asce.r9.disasterpreparedness@gmail.com.

ARTICLE

2014 International Conference on Sustainable Infrastructure to be Held in Long Beach on November 6-8

Later this year, ASCE is holding the 2014 International Conference on Sustainable Infrastructure in Long Beach. The conference is about how to deal with the consequences of non-sustainability, that is, how to plan, design, and construct infrastructure for a new and increasingly harsh operating environment.

This international conference is the first of its kind. It will bring together people from across the world; people who are building the knowledge base and developing the requisite policies and practices to handle the challenge of a changing operating environment. The conference is designed for practitioners, enabling them to engage with others, exchange ideas, and see the full spectrum of activities in infrastructure design for this new reality.

Tianjin University China is a co-sponsor of this conference. There will be two sessions dedicated to the challenges faced by and progress towards sustainable urban infrastructure development in China.

For more information, visit www.asce.org/icsi2014

necessary human resources together to establish a YMF. Furthermore, they established budgets, and goals, and translated that to activities throughout the year which truly was outstanding. Congratulations to the SLO Branch and SLO YMF. The LA Board also continued its traditional support for developing the next generation of engineers by contributing to the ACE Mentor program. ACE stands for Architecture, Construction and Engineering. The ACE program helps to mentor high school students and inspires them to pursue careers in design and construction. ACE's mission is to engage high school students and encourage them to pursue careers in architecture, engineering, and construction through mentoring and to support their continued advancement in the industry. We had our local champion in advocating for ACE in **Jay Higgins**, Region 9 Governor who did a great job keeping board members briefed on all related ACE activities.

We also continued the tradition of holding at least one of our board meetings in a different branch each year. This year the SLO Branch led by Branch President **Carolyn Berg** graciously agreed to host our Board meeting in the beautiful City of San Luis Obispo. Several board members including our Region 9 Governor, **Jay Higgins**, President-Elect, **Ken Rosenfield**, **Paul Callaway**, Vice President of Santa Barbara/Ventura Branch, and yours truly made the five hour trip which was well worth it. Several of our local SLO branch members along with Region 9 Director, **Jennifer Epp** attended the board meeting. This was a great opportunity for our younger members including at least one student to attend the section board meeting and benefit from the interaction and discussion and hopefully aspire to someday be on the same board. We also benefited from interacting with the SLO Board of Directors and members and hearing about their issues and concerns.

Mentorship and leadership go hand in hand; without mentorship we can't develop future leaders. I have always felt very strongly about this issue and this is why I devoted two of my articles about mentorship basics which I hope helped provide a better understanding of not just mentorship, but applying its principles in an era with different generations of engineers. Finally, through the efforts of YMF and LA Section's YMF Chair, **Ravi Shah**, we now have a blossoming mentorship program which will pair volunteer mentors with mentees throughout the section. I am very excited about this program as this will be a great opportunity for knowledge transfer and help develop the next generation of engineering leaders.

This year we did not do an official Sacramento legislative day fly-in. The Board chose to do a "Drive-In" legislative effort. Many of our members got together and set-up appointments with their local legislators. Thanks to the determination and efforts of one of our Legislative Committee members, **MJ Hashemi**, myself and President-Elect **Ken Rosenfield** were able to visit with a few of our local legislators in Orange County. I found these visits to be very useful since we got to talk one-on-one with our legislators, expressing our issues, concerns, and suggestions. I found our legislators to be thoughtful, receptive, and very willing to support ASCE's issues.

One of the highlights of this year for me was the Student Night and Job Fair which was held on March 7, 2014 in Los Angeles. I was honored to be the keynote speaker for this event, but for me the best part was sheer number of companies and public sector agencies that had set-up booths at this event along with throngs of young and eager civil engineers going from booth to booth. This was not only impressive, but signaled that we are finally coming out of this long and painful recession. I have no doubt that this trend will continue in the coming months.

Well, it is time to review the last goal. I think so far we have done pretty well with the first three goals. As for my last goal of visiting every branch within the LA Section, unfortunately I did not do too well. I am not going to use any excuses for this, other than simply stating that I am hoping to complete this task as I transition to the role of Past-President on the

Section's Board. Therefore, I would like to say to those branches that I did not visit to stay tuned on this score, as you will hopefully hear from me in the coming months.

Everything we do on the LA Section Board is through teamwork and I could not have asked for better team members that my fellow Board members. First, I would like to thank all the Branch Presidents that participated in our board meetings via phone or in person. Your ideas, contributions, and dedication were phenomenal. I would also like to thank LA Section's Executive Committee. They include **Mike Thornton** (Past President), **Ken Rosenfield** (President-Elect), **Diego Cadena** (Treasurer), **Androush Danielians** (Secretary), **Nazaret Dermendjian** (Vice President of Student Activities), and **Charles Adams** (Vice President of Technical Groups). **Mike Thornton** served our board with great distinction. Mike has the complete ASCE resume including having been a Region 9 Governor and his insights into legislative affairs and strategies were invaluable. **Diego Cadena** served as Section Treasurer a few years back and decided he liked it so much that he volunteered for this assignment again. Diego is an insightful and knowledgeable individual and has already made his mark in terms of developing new policies and procedures to keep our financials strong and healthy. **Androush Danielians** is a tireless and focused individual that kept the board on track with his meticulous meeting minutes and follow-up action items as well as being the Chair of our Newsletter Committee. Working with our long time and dedicated Newsletter Editor **Cris Liban**, they have produced arguably one of the best newsletters I have ever seen. On that score, this year we were able to increase our advertisement and business card ads rate to offset some of the newsletter's production costs. **Ken Rosenfield** will be our new President on October 1st and if his term as President-Elect is any indication, we are in for a great ride and great achievements. One of Ken's lasting contributions to the LA Section this year was his overhaul of our awards program; first he synchronized LA Sections' awards with Region 9 awards; a task that was way overdue. If that by itself was not enough, Ken automated LA Section's web site so all award submittals by branches can now be done on-line and quite painlessly. This actually makes the lives of LA Section's Awards Committee quite pleasant as well, since they don't have to deal with a mix of scanned papers and electronic files. In fact, Region 9 was so impressed with the results that they are automating their awards submission web site modelled after the LA Section. I would also like to thank **Nazaret Dermendjian**, who is doing a very good job representing the interest of our students. I would also like to thank our outgoing Vice President of Technical Groups, **Charles Adams**, for all of his efforts over the past two years including fostering and encouraging creation of several new technical institutes at our various branches.

I would be remiss if I didn't mention and thank one other individual whom has gone above and beyond the call of duty this past year in service of ASCE LA Section. That person is **Mark Norton**. Mark Norton, is a Past President of the LA Section and current Region 9 Governor. Mark was part of the ASCE LA Section's Centennial Committee last year which did a great job celebrating our section's 100 year history. Mark determined that this was not enough so he decided to spearhead an effort to produce a book commemorating LA Section's 100 years of history. He assembled a group of volunteers including himself that donated their time and effort to create the different chapters for this book. It is my understanding that the book will be ready for sale in October. Having seen a pre-production manuscript, I think he has done a great job as editor and I can't wait to buy the final version. I would encourage all of you to also contact Mark and put your orders in. This will be one historic book and production numbers will be limited.

It has been a great honor and privilege serving as your President. In the coming year, I look forward to continue working with all of you as your Past President. Finally, in the words of Garrison Keillor, "Be well, do good work, and keep in touch".

State Investments and Legislative Update

by Richard Markuson, Region 9 Legislative Advocate



Water Bond

While work continued on a new water bond, Governor Brown signaled he might support a bond of around \$6 billion with \$2 billion devoted to storage. It is unclear if there would be sufficient votes in both houses to support a replacement bond of this amount. As a ballot measure – it requires a 2/3 vote.

Infrastructure

While the Governor embraced Infrastructure Financing Districts as a replacement for Redevelopment Districts when he released the proposed State budget in January as a part of his \$10 billion commitment to infrastructure IFDs were MIA when the final version was delivered to Brown for his signature. The budget did include \$250 million in cap-and-trade revenue to fund construction of California's High Speed rail project, with 25 percent of carbon emission funds going to the project in future years. Neither of the two ASCE supported IFD bills (AB 229 and AB 243) will go to the Governor this year.

Design/Build

The Assembly Transportation Committee approved ASCE supported SB 1433 by Senator Hill (D-San Mateo) that repeals the sunset date on transit operators' authority to use design-build (DB) for transit projects, expands the number of entities eligible to exercise this authority, eliminates minimum cost thresholds, and deletes reporting requirements.

Another bill - AB 1724 by Assembly Member Frazier (D-Oakley) that authorizes regional transportation agencies (RTAs) to use construction manager/general contractor (CMGC) contracts is not doing as well and appears to have stalled out because of opposition.

Greenhouse Gases

The Senate Environmental Quality Committee approved ASCE supported AB 1447 by Assembly Member Waldron (R-Escondido) that will authorize moneys in the Greenhouse Gas Reduction Fund to be allocated for investment in a traffic signal synchronization project as a sustainable infrastructure project if the project is designed and implemented to achieve cost-effective reductions in greenhouse gas emissions and includes specific reduction targets and metrics to evaluate the project's effect.

Recent Reports

The University of Southern California and the Los Angeles Times released results of a recent poll, that found nearly 9 in 10 voters say the drought is a "crisis or major problem" but that only 16% of voters said it had made a "major impact" on them.

The Community Alliance with Family Farmers released "Beyond the Irrigation District: Investing in On-Farm Water Stewardship for California's Future," that examined water bonds approved through Props. 50 and 84, and found "few dollars went toward supporting farmers in improving water use efficiency" and "urban projects have received more funding than agriculture projects."

California Common Sense has released "Unsustainable California: The Top 10 Issues Facing the Golden State," top three are: 1. water supply, 2. revenue uncertainty, 3. wall of debt.

The California Research Bureau has released: "Water Conservation in California: State Law and Local Enforcement," it found 42 unmetred communities "use 39% more water per capita than the state average."

The California Water Foundation has released a poll, conducted by Fairbank, Maslin, Maullin, Metz and Associates and Public Opinion Strategies, findings included: 85% of Californians continue to view the drought as a "very serious" or "serious" problem; and 94 percent said protecting and regulating groundwater needs to be considered in managing future droughts.

The California Research Bureau released "Sources, Uses, and Disposal of Water in Hydraulic Fracturing," second report in a four part series on fracking in California.

The California Homebuilding Foundation released "Codes and Standards Consulting: California's Residential Indoor Water Use," it found a typical family home with four occupants built after adoption of CalGreen water standards in 2010 will annually consume approximately 46,500 gallons of water for indoor use, which is 29,000 gallons fewer compared to similar homes circa 2005 and 46,000 gallons fewer compared to homes circa 1980.

The U.S. Census Bureau released Modes Less Traveled—Bicycling and Walking to Work in the United States: 2008-2012. "This report highlights the geographic, social, and economic dimensions that shape work-related travel by bicycle and walking. It unpacks the local variation overlooked in national snapshots of nonmotorized commuting rates and it reinforces that local factors play an important role in shaping travel behavior."

The Metropolitan Policy Program at Brookings Institution released Beyond Shovel Ready: The Extent and Impact of U.S. Infrastructure Jobs. "This report aims to define a more precise range of jobs in occupations and industries that play a distinct role in the design, construction, operation, and governance of the nation's infrastructure assets. It explores where this employment is concentrated nationally and provides insight into the wages, projections, and skills required for these jobs."

The Eno Center for Transportation released Partnership Financing: Improving Transportation Infrastructure Through Public Private Partnerships. "This study, a product of the Eno P3 Working Group, examines state and local experience with transportation projects that contained a private financing component in an effort to identify the most common and persistent barriers to making P3s work in the U.S. context and to illustrate specific methods, actions, and/or approaches that have been effective in overcoming current barriers.... Drawing from the Working Group's findings, this report outlines a series of observations and recommendations to help state and federal officials—including staff at transportation and other relevant government agencies, as well as elected officials and legislative staff—create policy environments that are conducive to making P3s work for the public good."

Appointments

The Governor has made the following appointments:

To North Coast Regional Water Quality Control Board: **Valerie Lara Minton**, Petaluma, program director at the Sonoma resource Conservation District.

To California Board for Professional Engineers, Land Surveyors, and Geologists (all reappointed): **Kathy Jones Irish**, Los Angeles, vice president at Arnie Berghoff and Associates; **Mohammad Qureshi**, Redlands, chief of traffic at the San Bernardino County Dept. of Public Works

To Alfred E. Alquist Seismic Safety Commission: **Ian Parkinson**, San Luis Obispo, sheriff-coroner at the San Luis Obispo Sheriff's Office.

Irvan F. Mendenhall, Past ASCE President, and Co-Founder of DMJM; Dies at Age 96

by Doug Scott, Associate Editor, ASCE News



Irvan F. Mendenhall, P.E., Pres. 81 ASCE, and co-founder and chairman of the board of the Los Angeles consulting firm Daniel, Mann, Johnson & Mendenhall (DMJM), passed away July 29 at the age of 96. Born June 21, 1918, Mendenhall graduated from the civil engineering program at the University of California, Berkeley in 1941, just months before the U.S. entered World War II. Putting his engineering knowledge to work, he was commissioned in the U.S. Navy's Civil Engineering Corps, better known as the Seabees, in 1942, first on the construction of Camp Perry military base in Virginia and later on construction of military installations throughout Europe. In 1945, Mendenhall returned to the U.S. and his hometown of Santa Maria, California, where he started his own engineering firm with 3 architects whom he had known before the war: Phillip Daniel, Arthur Mann, and Kenneth Johnson. Their humble beginnings did not remain so for long; in 1947 they moved their offices to neighboring Los Angeles, where they were poised to take advantage of the postwar construction boom. They soon incorporated the architecture and engineering aspects of the business under the same corporate umbrella and thus became Daniel, Mann, Johnson & Mendenhall. During these first few years the firm completed numerous projects involving public schools, large industrial facilities, transportation infrastructure, and sewer systems. In addition, Mendenhall's work during the war and his involvement as a Navy reservist enabled DMJM to secure several significant military contracts involving navy airfields throughout southern California. Soon afterward, DMJM also secured contracts with the U.S. Air Force for projects in

Tokyo, Japan. In the ensuing years, as DMJM grew with the spread of U.S. military bases across the globe, the company opened international offices in Okinawa, Guam, and South Korea. By 1981, when Mendenhall became president of ASCE, DMJM was one of the largest architecture and engineering firms in the U.S., with more than 1,700 employees. First involved with ASCE as a student while attending UC Berkeley, he made it a point to stay involved with the Society by attending meetings of ASCE's Los Angeles Section. Mendenhall became president of the Los Angeles Section (in 1965) and went on to serve on several ASCE committees (Resolutions, Publications, and others), as District 11 director, on ASCE's national Board of Direction, and as national vice president. According to the article "Profiles in Leadership," published in the November/December 2002 issue of Civil Engineering magazine, Mendenhall stated that his "loyalty to the Society stemmed from its insistence upon high ethical standards." In striving to make DMJM a global firm, it was no surprise that Mendenhall worked to make ASCE an international organization during his presidency, this accomplished by his traveling to Japan, China, Australia, and other countries. Among the highlights of his presidency was representing ASCE at a conference held in Devon, United Kingdom – the same place he was stationed with the Seabees 20 years earlier. A recipient of the Los Angeles Area Chamber of Commerce 1979 Achievement Award, Mendenhall has been honored as Engineer of the Year by both the Consulting Engineers Association of California and the Los Angeles Council of Engineering Societies. He was also honored with an Engineering Award from The Beavers in 1981. Mendenhall concluded his interview with Civil Engineering magazine by stating how amazed he was at how significantly the profession had changed during his lifetime. Always preferring the slide rule over the computer, he said, "I was just using it the other day to run some important ratios."

Irvan Frank Mendenhall Obituary (June 21, 1918 - July 29, 2014)

Irvan "Irv" Frank Mendenhall, 96, of Solana Beach, passed away on July 29, 2014, surrounded by the love of his family.

Irv, known affectionately as "Irky" by his grandchildren, extended family and childhood friends, lived his life to the fullest. He was a man with a big heart, who loved being with his family, playing with his grandkids and spreading cheer with his great sense of humor.

Born in Compton and raised in Santa Maria, Irv was the son of Kenneth and Roxanne Mendenhall, husband of Margaret Mendenhall, father of four children, brother of three siblings and a grandfather of five. He is survived by his sons, Kim and Peter Mendenhall; his daughters, Kristen Temple and Lisa Blatnick; and his grandchildren, Keith Mendenhall, Holly Mendenhall, Elliot Temple, Whitney Temple LaMonda and Brian Blatnick.

As a graduate from the civil engineering program at the University of California at Berkeley in 1941, Irv was a pioneer in the fields of architecture and engineering. He was also a man who served his nation, serving several years with the U.S. Naval Construction Battalions (the "Seabees").

He was the "Mendenhall" in Daniel, Mann, Johnson and Mendenhall (also known as "DMJM"), one of the five founding firms that became AECOM Technology Corporation, the Los Angeles-based engineering design company ranked #1 by Engineering News-Record magazine. DMJM, founded after World War II, was arguably one of the most respected architectural and engineering firms in the world, renowned for its Los Angeles Section *Monthly*: SEPTEMBER 2014

expertise in transit and public works projects, military and research facilities, commercial and institutional architecture, and bridges and highways. Today, its successor, AECOM, has approximately 45,000 employees serving clients in more than 150 countries. Irv also served as the American Society of Civil Engineers Los Angeles Section President in 1965 and then served as National President in 1981.

Irv was known throughout his life for his sense of adventure. He was an avid water skier into his late 70's, and the frequent family trips to Lake Havasu were full of fun and beauty. He visited 66 countries, often with his beloved wife Margaret. He was a man with a kind nature and a loving heart, who was able to combine his creativity and intelligence to pursue a life that was filled with passion and love, from both his family and his business associates.

A viewing will be held from 9 to 10:30 a.m. on Saturday, Aug. 16, at the Forest Lawn - Hollywood Hills main building, 6300 Forest Lawn Drive, Los Angeles, with graveside services following at 11 a.m. A brief service will be led by the family member Rev. Dr. Barbara Daniel Rowe, and friends and family may call beginning at 9 a.m. in the main building.

In lieu of flowers, donations can be made to the USO or a charity of the donor's choosing. For questions regarding the memorial service, please contact Forest Lawn at 1-800-204-3131.

As published in the Los Angeles Times on Aug. 8, 2014

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

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Los Angeles Section
Monthly: Est. 1913
1405 WARNER AVE.
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This newsletter is printed on Forest Stewardship Council (FSC)-certified paper using soy-based ink.

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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
Typesetting, Layout & Printing: Apollo Printing & Graphics



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.

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