

# 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

Michael Thornton, P.E.  
Los Angeles Section President

VOL. XLXIII NO. 4

<b>In This Issue</b>	<i>page</i>
PRESIDENT'S MESSAGE .....	1
NEW LIFE MEMBERS .....	2
CENTENNIAL CELEBRATION DONORS .....	4-5
PROFESSIONAL DIRECTORY .....	6-7



## Life Members and Younger Members

On March 2, 2013, ASCE Life Members held their annual brunch. A group of 24 members received the life member recognition. I was honored to serve as the Master of Ceremonies for the event. Randy Over, our society President-elect, served as the Keynote Speaker. The highlight of the event was the presentation of certificates and brief summary of their careers. In hearing those accomplishments, I continued to respond with the thought of "wow, what a distinguished career."

Thinking further about our profession, it became clear "how could it finish any other way?" We, Civil Engineers, enjoy the greatest profession. We are able each and every day to provide a legacy. Projects like ports, airports, subways, railroads, freeways, flood control, water systems, treatment plants, environmental restoration project (and the list goes on), which Engineers plan, design, and oversee construction will benefit generations to come, legacy. Yes, for many, this is why we selected this profession.

Although the ceremony was terrific, it just doesn't seem like enough. We, current members, need to do more. Remember, those members are passing the profession to us and we need to show our appreciation. Those distinguished members have had careers of 40 to 50 years of service to civil engineering. They certainly are passing a profession of greater quality than they inherited.

As the Los Angeles Section turns 100 years old this year, imagine what our profession was like 100 to 50 years ago. One hundred years ago, infrastructure wasn't much. We began building water systems (e.g. Los Angeles Aqueduct and transportation projects) followed by projects like the Hoover Dam and the Golden Gate Bridge. Fifty years ago, we were beginning to construct the interstate highway systems and water treatment plants to protect our environment among numerous other programs. Today, we have come a long way - led by life members and their predecessors. These individuals have not only given ASCE members a better profession but have also given society a much better quality of life over the past 50 years.

However, these significant accomplishments have generally been ignored. Why isn't the Engineer's long career celebrated much more extensively? How do we change the public's infrastructure perception? How do we increase the public's awareness of infrastructure?

ASCE needs to start with us. Greater recognition to these life members is step one; we need to find ways to recognize these individuals. Second, many of these members are retired and have time to volunteer. ASCE needs to find a role for them to participate. Third, their experiences are invaluable. ASCE needs to establish

*continued on page 3*



# ASCE – Los Angeles Section Honors New Life Members

*By Garvin Pederson, P.E. — Member, ASCE-LA Section Life Member Forum*



A few of the new ASCE Los Angeles Section Life Member honorees include (Back Row, Left to Right) Mehdi Sobhani, Soroosh Sorooshian, Byron Konstantinidis, Thomas Carmichael, Tom Swantko, Franklin Fong; (Front Row, Left to Right) Philip Reed Jr., Michael Stenstrom, Delores Bennett Taylor, Ashok Mittal, Salahuddin Sheikh.

On March 2, 2013, 57 new Life Members in the Los Angeles Section as listed below were honored for their professional accomplishments and their dedication throughout their careers to ASCE. The Los Angeles Section believes it is very important to publicly recognize the accomplishments of their members who have reached "Life Member" status. The Life Member Forum's "New Member Recognition Committee" chaired by Joe Buley, held the annual recognition brunch at the Monterey Hill Steakhouse in Monterey Park.

Michael Thornton, P.E. President of the Los Angeles Section and assisted by Larry Lewis, P.E., President of the Life Member Forum moderated this event during this, "Centennial" celebration year for the Los Angeles Section. Don Sepulveda, P.E., Chair of the Centennial Committee presented an overview of the accomplishments of civil engineers in the development of Southern California during the past 100 years.

Randall S. Over, P.E., ASCE President Elect traveled from Ohio to address the new life members, their guests and other Los Angeles Section members including the Young Member Forum and civil engineering students. He pointed out the need to "Raise the Bar" in academic requirements for a civil engineering degree. Even with the ever changing technological advancements, young engineers he said, need to have a complete academic background, keeping up its status with other professions.

In addition to honoring new life members, Robert W. Bein, P.E., former ASCE National President presented the "Robert W. Bein Annual Lifetime Achievement Award" to David H. Wright, P.E.. David is retired from the Metropolitan Water District and is currently an active member of the Life Member Forum, serving as its Secretary-Treasurer.

Walt Preston, P.E. a member of ASCE for some 75 years and one the Los Angeles Sections original Life Member Forum members was honored with a "Resolution of Appreciation" signed by Assemblywoman Diane L. Harkey of the California State Legislature.

Walt's civil engineering career started in 1935, working for the Metropolitan Water District on the Colorado River Adequate, and continued with his directing "Seabees" constructing causeways on the D-Day beaches in France in World War II. In addition, he designed structures for Disneyland and Disneyworld, and engineered many structures in the redevelopment of the City of Los Angeles. After retirement Walt worked with the Life Member Forum volunteering his expertise on Habitat for Humanity projects and other efforts such as having a U.S. Postal stamp issued showing a civil engineering project (An ongoing effort). Andy Machen showed a recent brief video where Walt discusses his life long involvement with ASCE, as Walt was unable to attend this event. Walt will be celebrating his 99th birthday this year.

It is also noted that Andy Machen a long time Life Member Forum member, History and Heritage Committee Co-Chair and member of the Los Angeles Section's Centennial Committee was honored at the "California Infrastructure Symposium Awards Dinner" with the L.A. Section Outstanding ASCE Life Member Award for all his efforts for ASCE for many years.

The following is the list of new Life Members, it is noted not all of which were in attendance at this event: Wayne Bamossy, Thomas Barker, Clement Calvillo, Thomas Carmichael, Edwin Chock, Yeuan-Wan Chou, Robert Easley, Riad Elhaj, Franklin Fong, Laurence Gillis, William Handley, Roger Tim Haug, Wesley Hoffmaster, Leon Iancu, James Johnston, Barry Jones, Neil Jordon, George Jurica, Charles Knarr, Byron Konstantinidis, Albert Lowe, Stephen Maguin, Gary Martin, James Miller, Ashok Mittal, Allan Nelson, M. Russell Nester, Stephen Ng, Quang Nguyen, Stephen Pare, Michael Patonai, Paul Perkins, Kenneth Peterson, Thomas Pizza, Philip Reed, Douglas Reinhart, Russell Scharlin, Salahuddin Sheikh, Roger Shervington, Ronald Shmerling, S. Mehdi Sobhani, Soroosh Sorooshian, Carl Sramek, Michael Stenstrom, Randal Streeter, Robert Strong, Thomas Swantko, Delores Taylor, John Tolmasov, Allen Tom, Michael Truong, James Unland, V. Rajarao Vadaparty, David Wang, Calvin Woolsey and Christopher Yu. The new Life Members in attendance at this event were presented with their Diploma by ASCE President-Elect Randall S. Over and assisted by L. A. Section President Michael Thornton.



Randy Over, ASCE President-Elect addresses the ASCE Los Angeles Life Member Brunch audience.

avenues between these members and younger members. Lastly, these individuals are leaders. Leadership has been and will continue to be a primary ASCE goal. Connecting leaders with soon to be leaders just makes sense.

Many of us in this profession have learned our craft by way of mentors. I ask you to make a list of those who helped you and reach out to them. ASCE can assist you in finding them. They would love to hear from you. Advise them of his/her contributions and your appreciation of them. They have made us better engineers and we appreciate them.

Furthermore, engineers must continue the tradition of educating the next generation and we must mentor the engineers entering our profession today. ASCE is certainly all over developing our leaders of tomorrow. ASCE's organizational structure reaches out to engineering students here in the Los Angeles Section. After graduation, ASCE reaches out to these younger members to get involved in all of these programs including the Younger Member Forum and technical training programs and leadership workshops. ASCE provides workshops to assist younger member in preparation of our professional license testing. These YMF members will be the public works directors and firm leaders of the future. Building a professional network at the onset of these young professionals' careers will deliver dividends throughout their entire career. ASCE provides these younger members endless professional development opportunities.

As members continue to mature, here come the branches. Los Angeles Section is covered by branches in every corner. Each branch is represented by outstanding leadership this year. ASCE continues to encourage these YMF members to stay active with their branch. Monthly programs continue to educate and many branches continue to offer various technical programs to keep engineers at the "cutting edge" of technology. ASCE is always looking for leaders; please encourage these members to stay involved.

Other educational opportunities that ASCE offers include leadership positions right here at the section. This month, we introduce three new leaders that are volunteering to better our profession. Section leadership has its privileges. Networking with other professional leaders will continue to pay dividends. Section leadership participation provides opportunities to establish important policies. Last month, my President's Message discussed the important decision of c(3) v. c(6). Leadership at the Section maps the future of our profession. Your contribution helps the Section to move forward in the right direction.

Beyond the Section is Region 9. The Region covers the entire State of California. Activities are highlighted by government relations (as I have said again and again, our most important activity) with annual visits to our state capital, disaster preparedness, annual symposium, and awards. The region, like every other level of ASCE, is looking for volunteers. Finally, we have the Society

based out of Reston, Virginia. There are a number of Society committee opportunities available annually. If that interests you, be prepared to travel across the country. After all of that service (as if that wasn't enough) comes Life Membership. The benefits include waiving of dues ... finally you have arrived. Life Members continue to stay active in mentoring our youth. Wow, what a trip! I hope that you had a chance to raise a family along the way.

If ASCE leadership does not fit for you, mentoring still must be part of your contribution back to our profession. I recently attended the ACE Mentor program annual meeting. ACE, for those who may not be aware, is Architecture, Construction and Engineering. Their program is reaching out to high school students, mentoring and educating them on what we do. They are looking for volunteers to adopt high schools, work with faculty, and educate the next generation of engineers.

I often hear from members that "I would love to help but I just don't have the time." Think about those who have come before us ... if they had that approach, would we be the engineers we are today? What makes our profession different and best is our membership getting involved and giving back. Mentoring our youth to be better engineers than we are has always been standard practice. Working with other professionals in a volunteer role has created friendships and colleagues that are the envy of others.

Finally, our profession builds quality of life; everyone owes us. Yet they don't know us. I challenge you, ASCE's Los Angeles Section membership, to increase the awareness of what you do, that we are the stewards of infrastructure, and that those who have championed infrastructure in the past be recognized. Go to the City you reside in and ask them to adopt a proclamation recognizing these American heroes and make sure you bring a few with you. If you do this and reach out to a mentor that helped you, you will certainly make a retired engineer's day and maybe even a number of days. The least we can do.



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





# ASCE, Los Angeles Section Centennial Celebration

## Supporting Agencies



**Metro®**



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

## Corporate Sponsors

### Gold Level - \$2,000



Andrew Machen, P.E.



**Kiewit**



**SKANSKA**



Donors of the ASCE-OC  
50<sup>th</sup> Anniversary  
Celebration

\*Donors as of 2/25/13



## Centennial Sponsors

### Silver Level - \$1,000



CH2MHILL®



**Vali Cooper & Associates, Inc.**  
CONSTRUCTION & PROGRAM MANAGEMENT  
*....Building A Better Future Together*



**Kimley-Horn  
and Associates, Inc.**



### Bronze Level - \$500

Albert A. Webb Associates  
Joe Buley, P.E., F.ASCE  
Black & Veatch  
CDM Smith  
Carollo Engineers  
Degenkolb Engineers

Diaz-Yourman & Associates  
LaBelle Marvin  
Langan Engineering & Environmental Svcs  
Morley Builders  
PACE  
Project Partners

PSOMAS  
RBF Consulting  
Trussell Technologies, Inc.  
VA Consulting, Inc.  
VCA Engineers, Inc.  
Wildermuth Environmental, Inc.

### Donor Level - \$250

Brown and Caldwell  
Converse Consultants  
Gannett Fleming Companies  
GEI Consultants

GRL Engineers, Inc. CALIFORNIA office  
Hushmand Associates, Inc.  
John A. Martin & Associates, Inc.

PENCO  
Tatsumi and Partners, Inc.  
Weston Solutions

## Individual Sponsors

Charles Adams  
Shahn Ahmad  
Charles Aldrich  
Robert Bein  
Carl Blum  
Norm Buehring  
Joe Buley  
Marlon & Lizbeth Calderon  
Terry Dooley  
Albert Dorman  
Tapas Dutta

Gary Dysart  
Yaz Emrani  
Gregg Fiegel  
Harvey Gobas  
Serge Haddad  
Richard Haller  
Greg Heiertz  
Jay Higgins  
John Hogan  
George Horowitz  
Larry Lewis

David Levinsohn  
Cris & Benel Liban  
Andy Machen  
Thomas Maddock  
Richard Markuson  
Steve Marvin  
John Morris  
Neil Morrison  
Julia Moye  
James Muenzer  
Carl Nelson  
Josh Nelson

Mark Norton  
Warren Repke  
James Rowlands  
Camilla Saviz  
Don & Karen Sepulveda  
Irv Sherman  
Kathereen Shinkai  
Nick Sprague  
Robert Stearns  
Donald Strand  
Paul Taylor  
Mike Thornton

\*Donors as of 2/25/13

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

**AES Advanced Earth Sciences, Inc.**  
Geotechnical and Environmental Consultants

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

(949) 379-2450  
9307 Research Drive  
Irvine, CA 92618  
FAX: (949) 379-2470  
Website: [www.aessciences.com](http://www.aessciences.com)

**ADVANCED ENGINEERING SOFTWARE**

Software written & supported by the  
**AUTHORS OF THE COUNTY MANUALS**

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

**CREATE. ENHANCE. SUSTAIN.**

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

With offices throughout Southern California, we deliver expert solutions for our clients.  
515 S. Flower Street, 4th Floor, Los Angeles, CA 90071  
P + 1.213.330.7200

**AEI-CASC CONSULTING**  
ENGINEERING OUR FUTURE

CIVIL ENGINEERING  
PLANNING  
ENVIRONMENTAL ENGINEERING  
SURVEYING

CORPORATE OFFICE  
1470 E. Cooley Drive  
Colton, CA 92324  
(909) 783-0101  
Offices throughout California  
[www.aei-casc.com](http://www.aei-casc.com)

**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)

**amec**

- Geotechnical Engineering
- Construction Materials Inspection/Testing
- Environmental Science and Engineering
- Earthquake-Related Services
- Air Toxics and Health Risk Assessment

James J Weaver PE, GE  
Tel (323) 889-5300  
Fax (323) 721-6700

6001 Rickenbacker Rd.  
Commerce, California  
USA 90040-3031  
[www.amec.com](http://www.amec.com)

**Cannon**  
ENGINEERING-PLANNING-CONSTRUCTION

J. Eric Porkert, PE  
General Manager and Senior Principal Engineer

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

310 DBA 1166  
[www.CannonCorp.us](http://www.CannonCorp.us)

**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](http://chris@diazyourman.com) [www.diazyourman.com](http://www.diazyourman.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) 862-8833 (760) 736-8222

**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)

**GENTERRA Consultants, Inc.**

Joseph J. Kulikowski, P.E., G.E.  
President and Senior Principal Engineer

15375 Barranca Parkway, Building L  
Irvine, California 92618  
Tel: 949.753.8766 Fax: 949.753.8887  
[joekul@genterra.com](mailto:joekul@genterra.com)  
[www.genterra.com](http://www.genterra.com)

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

**GeoPentech**  
Geotechnical & 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)

**GPI GEOTECHNICAL PROFESSIONALS, INC.**

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)

**GREGG** 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

**GROUP DELTA CONSULTANTS**

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)

**gsi Geotechnical Stabilization, Inc.**

Amer R. Al-Alusi, P.E.  
President  
[alusi@gsigrout.com](mailto:alusi@gsigrout.com)

Chemical Grouting Compaction Grouting  
PressGrout Piles Lense Grouting

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

**Hall & Foreman, Inc.**  
Engineering • Planning • Surveying

**800.544.2114**  
[www.hfinc.com](http://www.hfinc.com)

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

**HDR**

ONE COMPANY | Many Solutions™

SERVICES:  
Water/Wastewater • Transportation  
Environmental • Construction Management

801 So. Grand Avenue, Suite 500, Los Angeles, CA 90017  
213.239.5800 [www.hdrinc.com](http://www.hdrinc.com)

**Kiewit**

**KIEWIT INFRASTRUCTURE WEST CO.**  
10704 Shoemaker Ave., Santa Fe Springs, CA 90670  
(562) 946-1818  
[www.kiewit.com](http://www.kiewit.com)

**KRIEGER & STEWART INCORPORATED**

- WATER
- WASTEWATER
- RECYCLED WATER
- STORM WATER

ENGINEERING CONSULTANTS

Riverside, CA • (951) 684-6  
[www.kriegerandstewart.cc](http://www.kriegerandstewart.cc)

**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

**LaBelle • Marvin**  
PAVEMENT ANALYSIS, DESIGN, TESTING & 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@labbellmarvin.com](mailto:smarvin@labbellmarvin.com)  
[www.labbellmarvin.com](http://www.labbellmarvin.com)

**Leighton Consulting, Inc.**

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

Geotechnical | Environmental | Testing and Inspection

**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.mga1.com](http://www.mga1.com)

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

Transportation  
Water Resources  
Government Services

**MNS ENGINEERS INC**

SANTA BARBARA | BULLTON | MONTEREY | SAN LUIS OBISPO | VANDERBEG AFB | WESTLAKE VILLAGE

[mnsengineers.com](http://mnsengineers.com)

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

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

Contact:  
Marj Krillier, President - [mkrillier@moote.com](mailto:mkrillier@moote.com) or  
Mike McGovern, PE, FASCE - [mmcgovern@moote.com](mailto:mmcgovern@moote.com)  
Paul A. Moote & Associates, Inc. [www.moote.com](http://www.moote.com)

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

**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](mailto:hninyo@nmggeotechnical.com)  
[www.nmggeotechnical.com](http://www.nmggeotechnical.com)

**PACE**  
Advanced Water Engineering

**ADVANCED WATER ENGINEERING**  
...in partnership with nature

- Water / Wastewater
- Stormwater Management
- River / Wetland Restoration
- Mammade 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

**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) 981-0706  
Santa Maria Office  
(805) 925-2345  
Lancaster Office  
(661) 949-6676

**Port of LONG BEACH**  
The Green Port

925 Harbor Plaza  
Long Beach, CA 90802  
562-283-7000

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

Site Development Services  
Surveying and Mapping  
Renewable Energy  
Water & Wastewater Infrastructure  
Program/Construction Management  
Environmental Consulting

California | Arizona | Utah [www.Psomas.com](http://www.Psomas.com)

**PSOMAS**

**RBF**  
A Smart Company

Creating value by delivering  
innovative and sustainable solutions for  
infrastructure and the environment.

Planning & Urban Design  
Transportation & Traffic  
Land Development  
Water Resources

Structures  
Survey & Mapping  
Public Works  
Surface Water

[www.rbf.com](http://www.rbf.com) • [www.mbakercorp.com](http://www.mbakercorp.com) • 800.479.3808

P: (805) 543-1794 | [www.rrmdesign.com](http://www.rrmdesign.com)

**rrmdesigngroup** 

creating environments people enjoy®

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

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](http://www.tkeengineering.com)

**URS**  
[www.urscorp.com](http://www.urscorp.com)

**Richard Hart, P.E.**  
URS Corporation  
2020 East First St., Ste. 400  
Santa Ana, CA 92705  
Tel: 714.835.6886  
Fax: 714.667.7147

**Shahram Vahdat, P.E.**  
URS Corporation  
915 Wilshire Blvd., Ste. 700  
Los Angeles, CA 90017  
Tel: 213.996.2200  
Fax: 213.996.2374

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

**VA CONSULTING**

**Max Vahid, P.E.**  
President and CEO  
[maxvahid@vacconsultinginc.com](mailto:maxvahid@vacconsultinginc.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

 **WALLACE GROUP®**

DEDICATION TO SERVICE®

CIVIL AND TRANSPORTATION  
ENGINEERING  
CONSTRUCTION MANAGEMENT  
LANDSCAPE ARCHITECTURE  
MECHANICAL ENGINEERING  
PLANNING  
PUBLIC WORKS ADMINISTRATION  
SURVEYING/GIS SOLUTIONS  
WATER RESOURCES

805.544-4011  
[www.wallacegroup.us](http://www.wallacegroup.us)

## Reminder:

*Copy deadline for the May 2013 issue is April 1, 2013; copy deadline for the June 2013 issue is May 1, 2013.*

 **History & Heritage**

Celebrating the 100th Anniversary  
of the Los Angeles Section

## 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" × 11".



IRVINE INSTITUTE  
OF TECHNOLOGY IN COLLABORATION WITH



## SIGN UP & RECEIVE:

- Masters level credit
- Instruction from experts and scholars in their field
- A comprehensive and fast moving learning experience that will prepare you for the SE-V & SE-L
- IIT guarantee pass on the exam on the first attempt

## REGISTER TODAY!!

Over 25,000 engineers  
have already taken  
these seminars!

[www.irvine-institute.org](http://www.irvine-institute.org)

10% DISCOUNT  
OFFERED FOR  
SEAO MEMBERS!

## SE License Examination Seminars

LIVE IN IRVINE, CA  
WEBCAST LIVE WORLDWIDE ONLINE

## 2013 Summer Session- Course Schedule

- SE 500 Structural Analysis- \$295-June 1,2
- SE 501 ASCE Specifications- \$295-June 8,9
- SE 502 Current Codes in Concrete Design- \$295-June 15,16
- SE 503 Current Codes in Steel Design- \$295-July 13,14
- SE 504 Current Codes in Timber Structures-\$295-June 29-30
- SE 505 Current Codes in Masonry and Tilt up Structures- \$295-June 22,23
- SE 506 Current Codes in Bridge Structures-\$295-July 20-21



Los Angeles Section  
Monthly: Est. 1913  
1405 WARNER AVE.  
SUITE B  
TUSTIN, CA 92780

NON-PROFIT  
U.S. POSTAGE  
*PAID*  
PERMIT NO. 1441  
SANTA ANA, CA

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.**

## 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@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.

### *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](mailto: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)