

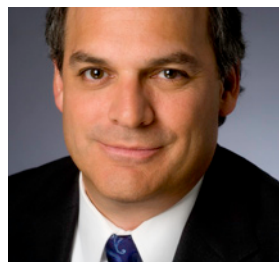
# Los Angeles Section

*Monthly: Est. 1913*

ORANGE / SAN\_BERNARDINO/RIVERSIDE / SAN\_LUIS\_OBISPO / SANTA\_BARBARA/VENTURA / DESERT /  
SOUTHERN SAN\_JOAQUIN / METROPOLITAN LOS ANGELES

## PRESIDENT'S MESSAGE

Don Sepulveda, P.E., FASCE  
Section President



## 2009 Goals and Challenges

This issue of the newsletter marks the beginning of our new fiscal year and the beginning of my year as your Section President. As many of you know, I have been involved with the Section for a number of years, including involvement as a student. Over those years I have worked with many of the leaders of the Section whom I consider to be mentors and role models for all of us. I am in the daunting position of walking in the footsteps of some of the finest leaders of our profession. I thought that I would take my first newsletter article to talk about my goals as your new Section President and how we would move forward into the future.

The Los Angeles Section is a part of the larger picture of ASCE as a whole, in other words, the Society. We have to strategically place ourselves at the forefront of the Society and to general public. We should be the Society of choice for the civil engineering community to belong to and the public to turn to for information, guidance, and resources. Education, sustainability, public awareness of engineering issues, and our decaying infrastructure continue to be key issues as the Society moves into the future.

The Los Angeles Section plays a key role in the Society. We have provided national leaders, including several Society presidents, who have shaped the direction of the Society and are widely responsible for where we are today. Our Section has its foundations in our seven Branches and they provide the framework for how we develop local activities and provide value to our members. In addition, the Section has the very unique position as the second largest (or largest depending on the list) to the Texas Section, which happens to be the entire state of Texas. We are part of Region 9 which is the only region within the Society that encompasses a single geo-political unit, the entire state of California. As we move forward we must remember these relationships and our role within these separate groups.

As President of the Section, I have set the following goals for this year:

### Branch Activities

The Branches are the foundation for our success. It is our effort at the Branch level that provides significant value to our members. Over the next year we will continue to strengthen the network between the Section and the Branches and build upon the Branches for local leadership in the areas of legislative activities, education, public involvement, and recognition.

### Legislative Activities

This is a very important year from a political standpoint. Over the coming months we will be electing a new United States President along with several National Senators and Representatives. As we all know, infrastructure has been a significant issue in recent years. This will continue through the national election. So far, it appears that some candidates are more in tune with our infrastructure needs than others. It is up to us to ensure that they all understand that infrastructure is not important to us solely because of the jobs it brings, but more importantly because we build the quality of life for all Americans. Over the coming year, we will increase legislative involvement by working with the Branches and the Region to develop a legislative activity plan that strengthens our influence in the society. A Legislative Committee has been established at the Section level to work with the Branches and the Region to build upon the successes that we have had in recent years.

VOL\_XLVIII NO\_10

## In This Issue page

PRESIDENT'S MESSAGE .....	1
EDITORIAL .....	2
PRACTITIONER & FACULTY ADV. TRAINING ..	2
ANNOUNCEMENTS.....	3~4
EMPLOYMENT OPPORTUNITIES.....	4~5
PROFESSIONAL DIRECTORY.....	6~7

### Reminder:

Copy deadline for the Nov. 2008 issue is  
Oct. 1, 2008; copy deadline for Dec. 2008  
issue is Nov. 1, 2008.



## We Need You

The beginning of the new fiscal year brings with its new plans and hopes for a bigger and better Los Angeles Section. In the backdrop of challenging economic times, we struggle to survive in our environment. In these times of anxiety, we put forth our engineering agenda, that while drowned in the midst of financial and political news, we must continue to highlight, lest these will be forgotten.

Our new Los Angeles Section President Don Sepulveda, P.E., FASCE does just that. In his inaugural ASCE Los Angeles Section Monthly newsletter message, he outlines his goals in five specific areas for the coming year:

- Branch Activities;
- Legislative Activities;
- Education;
- Membership,
- and 2013 Centennial Celebration.

Specific activities within these areas will form the backbone of this year's Section Programs. Let us put our full support to Don as he leads our Section to a new and very exciting administration.

We also hope to hear from you soon. We are interested in receiving articles and other materials for your monthly newsletter. We thank those of you who have submitted the material published over the past few years. Submissions should be in the form of a publishable article that is preferably tied to an ASCE event.

We will publish articles of general engineering interest like sustainability tips and innovations, water resource conservation, an interesting take on a design concept or case studies. There are many ideas that may become articles with a little bit of ingenuity. We welcome letters to the editor and reviews.

Marie Trinh is an example. We feature in this issue Marie's trip to Reston, VA to participate in the ASCE Practitioner & Faculty Advisor Training Workshop. This workshop provides an avenue for both veteran and rookie Faculty and Practitioner Advisors to share ideas and mentor each other in the implementation of school related programs at their respective Sections.

We hope you enjoy this issue. Thanks!

- Dr. Cris B. Liban, P.E.

topics to discuss how we, as advisors, can help our respective student chapters. The new advisors were able to learn about what worked and what didn't from seasoned advisors, some having over 15 years of experience, while the seasoned advisors were able to get fresh ideas from advisors who were just starting to get their feet wet.

After the day's activities, we enjoyed dinner at the Washington Harbor in Georgetown, which had an incredible view of the Potomac River. We ended the night with a driving tour of our nation's capital before heading back to the hotel. The workshop was well worth the trip across the country. I encourage everyone to support the students, whether as an advisor or a mentor, as they are the future of civil engineering!



Marie Trinh is with Jacobs Carter Burgess. She is also the ASCE Orange County Branch Student Activities Committee Chair.



Roundtable discussion on how to motivate student chapter leaders.

Photo taken by Spencer Boulter, ASCE National staff.

## Rendezvous in Reston

By: Marie Trinh

Are you wondering where in the world is Reston? Shame on you if you don't know! Reston, VA is the hometown of ASCE World Headquarters in the Washington DC metropolitan area, and the meeting place for the annual ASCE Practitioner & Faculty Advisor Training Workshop (PFATW), which took place on Aug. 8-9.

I bet now you're wondering, "Faculty and Practitioner Advisors? Who are they and what do they do?" Faculty and Practitioner Advisors are advisors to the student chapters, in which the Los Angeles Section has ten: CPP, CPSLO, CSUF, CSULA, CSULB, CSUN, LMU, UCI, UCLA, and USC. Each student chapter should have three advisors: one Faculty Advisor (FA) appointed by the university and two Practitioner Advisors (PA) appointed by their respective section or branch, but that doesn't mean they can't have more! Advisors offer continuity throughout the years as students come and go.

As an advisor, one may be at lost as to where to start and how to help the students. That is where the PFATW comes in. The goals of the PFATW are to:

- Impart the vision of the value and purpose of ASCE Student Organizations;
- Give advisors the tools they need to make their ASCE Student Organization function;
- Create a network of ASCE Faculty and Practitioner Advisors;
- Develop the leadership abilities of the Faculty Advisor; and
- Assist Faculty and Practitioner Advisors in understanding his/her role in working with the Student Organization.

The workshop kicked off with a Welcome Dinner at Paolo's Restaurant in Reston Towne Center, where we made our introductions. The diverse group of 30+ people comprised of practitioner and faculty advisors, young and younger, who came from as far west as California, and as far east as Pennsylvania. LA Section represented approximately 10% of the attendees. They included Kari Wagner, PA for Cal Poly, San Luis Obispo; Dr. Binod Tiwari, FA for Cal State Fullerton; and myself, PA for UC Irvine. Kari won the award for traveling the farthest to get to Reston.

On Saturday, we started the ball rolling on accomplishing our goals with a nice, warm breakfast to power our brains. We had several roundtable



2008 PFATW attendees in front of the beautiful Washington Harbour fountain.

Photo taken by Dion Coward, ASCE National staff.



AMERICAN SOCIETY OF  
CIVIL ENGINEERS

---

## REGION 9 - DEVELOPMENT OF DIGITAL VISUAL MATERIALS FOR RECRUITMENT

ASCE Region 9 (the state of California) would like to invite Student Chapters and Younger Member Forums (YMF) to participate in an event to promote the Civil Engineering profession. The purpose of the activity is to develop digital video, music, and/or photo slideshow presentation to be used for:

- (1) the recruitment and transition of young engineers into ASCE and YMF activities, and
- (2) the recruitment of pre-college students into undergraduate civil engineering programs.

There will be funds to reimburse teams up to \$150 per school to purchase materials for the creation of the videos (ie music rights, props, rights to photos). This program is open to all 24 ASCE student groups in Region 9, each student group will be permitted to sponsor one team for each topic.

Each team will be comprised of three or more students, a YMF member, a practitioner advisor, and a faculty advisor. The advisors will provide input from the industry and university perspectives. The team will prepare a three to six minute presentation using digital video/photo/music slideshow format or combination thereof. Using an inspiring and uplifting message, each presentation will address one of the two possible topics, (1) the recruitment and transition of young engineers into ASCE and YMF activities and (2) the recruitment of pre-college students into undergraduate civil engineering programs. **Example videos are provided in the package.** A team may have two entries but only one entry in each of the two topic areas.

Teams will be responsible for acquiring their own photo, video, and music copyright use and license use in order to post presentation on the internet and website. Use of public domain material is also encouraged.

The following is the time for submittal:

- |                                       |   |
|---------------------------------------|---|
| • Competition announcement            | August 1, 2008  |
| • Student team enrollment             | October 1, 2008   |
| • Presentation preparation completion | January 1, 2009   |
| • Announcement of winners             | At Region 9 awards banquet in<br>February, 2009 in Sacramento |

**THERE WILL BE TWO PRIZES (ONE EACH CATEGORY) OF \$1,500 FOR THE WINNING TEAM(S)**

We look forward to your participation in this event. If you have questions please contact Gary Gilbert at [gary@diazyourman.com](mailto:gary@diazyourman.com),

## DISASTER TRAINING

Classes are being organized for volunteers under the auspices of the State of California, Office of Emergency Services (OES) to help in the event of a major disaster. Classes will be held in alternate ASCE Branch areas when there are sufficient requests. Qualified individuals are California Registered Civil, Structural, Geotechnical, Certified Engineering Geologists, or Architects. If you are interested in attending a class please contact the ASCE Disaster Preparedness Committee Chairman. The class lasts 5-6 hours and the cost is \$15. Classes are midweek and start at 9 or 10 AM.

To register for the class, submit your name along with your telephone number, fax number, e-mail address, and zip code. You will be contacted when 10 or more individuals request a class. The maximum number in a class should not exceed 20.

If your Branch or Firm would like to offer the use of its facilities for a class, please register and provide the contact person, phone, fax, and e-mail. You will be contacted to make arrangements. The class should have at least 10 and not more than about 20.

Thank you for your support of the American Society of Civil Engineers.

Jack W. Rolston

Chair, Disaster Preparedness Committee, ASCE L.A. Section  
818-345-9199 818-345-5283 fx  
ascedisaster@earthlink.net

## PRESIDENT'S MESSAGE

continued

### Education

The future of our Society and our profession is in our youth. As many of you know, the education of our younger folks is very important to me. Of course we will be continuing the strong university outreach that we have built up over the years. In particular, I want to be able to assist our ten schools in successfully participating in the Pacific Southwest Regional Conference which will be held in Hawaii this year. Any support we can give our students through advisement, mentorship, and financial donations will go a long way to help them be successful.

The Society recognizes that our K-12 generation is important to the future of civil engineering. We have found out that by reaching into these younger people we have an opportunity to guide them into engineering and increase the knowledge base that will be important for our future. Several of our Branches have established K-12 outreach programs. I have asked Russ Ryan, Los Angeles Section Vice President of Student Activities, to further develop our K-12 outreach by building on the successes within the Branches and applying that success across the Section through coordinated activities.

### Membership

It is no secret that we rely on our members to attain our goal and provide the value that we do. Over the next year we will continue to provide value to our membership and potential members through coordinated outreach between the Section and the Branches. In addition, we will be looking to promote the advancement in grade of Section Members from Member to Fellow.

A not so new, but little known, focal point for the Society is the subject of "student conversion". A new strategic initiative for the Society is to increase the amount of student members that convert to Associate Members upon graduation. We will be working in concert with the Society initiative to better facilitate this conversion.

### 2013 Centennial

The year 2013 marks the 100th anniversary of our Section. I will be appointing a committee to begin the preparations for this celebration, and already some great ideas have been put forward. The Committee will be moving ideas forward, beginning the planning for the year, and establishing budgets and action plans.

These five goals will serve as a foundation from which we will be exploring new ideas. In addition, we will be continuing the great work that has commenced in the areas of sustainability and water resources. Two additional initiatives that I would like to see completed or instituted in this term include:

### Policy and Procedures


The Section modified our Bylaws and Constitution over the past year. Throughout this year we will finalize the changes to the Policy and Procedures Manual.

### Engineers Without Borders

As some of you may know, the Society has established a partnership with Engineers without Borders (EWB). We will work closer with EWB this year.

The role of all members of the Section from students to Life Members is important. We each provide life experience that is an example to others. This is an exciting time with many challenges. Together we can meet them and succeed.

I am looking forward to working with you as we continue to provide the highest value to our membership. Please call me at (310) 846-1813 or email me at dsepulveda@hntb.com if you have any questions or suggestions. We hope to see you at our next ASCE Los Angeles Section event!



## HYDROLOGY/HYDRAULICS SOFTWARE


- *Automatic English-to-Metric Conversion*
- *Used by Cal Trans, Government Agencies*

**WSPGW for Windows**  
Water Surface Pressure Gradient,  
FEMA Approved


**Rational/Modified Rational  
Hydrology Methods**  
For Los Angeles, Riverside, San  
Bernardino, San Diego, Orange &  
Kern Counties


**Unit Hydrograph Hydrology  
Method, Flood Hydrograph  
Routing, Basin Analysis**  
Multi-Day Storm Event Analysis

**Steady-State Hydraulics,  
Street Inlets, Pumps, Etc.**



\* FEMA Approval for WSPGW Only.





**CIVIL DESIGN<sup>®</sup>**  
Software for Engineers. By Engineers

Tel 909.885.3806
Fax 909.381.1721
www.civildesign.com



## KPFF CONSULTING ENGINEERS

KPFF Consulting Engineers seeks motivated and energetic structural engineers. 2+ yrs of structural design experience with steel, concrete, masonry and timber desired. B.S., M.S. degree; a P.E. license a plus. Excellent communication and teamwork skills are essential. Substantial growth opportunity for all levels, and the opportunity to work on a wide variety of interesting and challenging projects. Immediate positions available in our Los Angeles and Pasadena offices. Please contact, fax or e-mail resume to the following:

### For Los Angeles:

Ms. Joy Hernandez  
**KPFF Consulting Engineers**  
 6080 Center Drive, Suite 300  
 Los Angeles, CA 90045  
 Phone: (310) 665-1536  
 Fax: (310) 665-9070  
 Email: jhernandez@kpff-la.com

### For Pasadena:

Ms. Tamara Kealty  
**KPFF Consulting Engineers**  
 2 N. Lake Avenue, Suite 820  
 Pasadena, CA 91101  
 Phone: (626) 578-1121  
 Fax: (626) 578-9121  
 Email: tkealty@kpff-pas.com

## A Great Idea From the Life Members

The ASCE Life Members' Public Image Committee request that members take their (to be discarded) Civil Engineering magazines to their doctor's office or barber shop and merge them with the stack of magazines. We feel that this will be an effective way to make the general public more aware of what civil engineers do.



### Transportation Engineering/Public Works Project Managers Camarillo, Ontario & Irvine

RBF is seeking Project Managers to lead a team of engineers and design staff in the development of technical transportation design work associated with Caltrans freeway, highway and local roadway improvement projects. Position requires a BSCE, PE, and 7+ years progressively responsible experience in design and management of transportation/PW projects. Background in AutoCAD or MicroStation is essential.

RBF offers excellent compensation, benefits packages and relocation assistance.

**www.rbf.com**

Email resumes to: [hmail@rbf.com](mailto:hmail@rbf.com)  
 EOE M/F/D/V



ENGINEERING PLANNING SURVEYING

## EXPLORE THE POSSIBILITIES...

### SENIOR WATER RESOURCES MANAGER

Fusco Engineering Inc. is seeking a proven team leader with strong management, technical and marketing skills to champion our watershed management group.

Great opportunity in our Irvine office for an experienced engineer looking for a transition to a progressive eco-adaptive® design firm.

To inquire about this position, please contact  
**Mynette Cannata** at 949.474.1960  
 or email your interest or resume to  
[jobs@fuscoe.com](mailto:jobs@fuscoe.com).



**www.fuscoe.com**

IRVINE • SAN DIEGO • ONTARIO • PALM SPRINGS • LOS ANGELES



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

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

20 Fairbanks (949) 458-3832  
Suite 178 Fax: (949) 458-1046  
Irvine, CA 92618 Website: www.aesciences.com

**DUDEK** ENGINEERING + ENVIRONMENTAL

Creatively solving water and wastewater resources challenges for municipal agencies.

Plan | Design | Construct | Manage

WWW.DUDEK.COM San Diego | Los Angeles | Riverside  
800.450.1818 Orange | Santa Barbara | Placer

**gsi Geotechnical Stabilization, Inc.**  
Amer R. Al-Alusi, P.E.  
President

Chemical Grouting Compaction Grouting  
PressGrout Piles Lense Grouting

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

**kpff Consulting Engineers**

www.kpff.com

6080 Center Drive, Suite 300  
Los Angeles, CA 90045  
(310) 665-1536 Civil Fax (310) 665.9075

Seattle Everett Tacoma Lacey Portland Eugene Sacramento  
San Francisco Walnut Creek Los Angeles Long Beach  
Pasadena Irvine San Diego Phoenix Denver St. Louis New York

**AEI-CASC CONSULTING**  
ENGINEERING OUR FUTURE

CIVIL ENGINEERING  
PLANNING  
ENVIRONMENTAL ENGINEERING  
SURVEYING

CORPORATE OFFICE  
937 S. Via Lata, Suite 500  
Cotton, CA 92324  
(909) 783-0101  
Offices throughout California  
www.aei-casc.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

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

**GREGG** Phone: (562) 427-6899  
Fax: (562) 427-3314  
Email: info@greggdrilling.com  
Web Site: www.greggdrilling.com

**GREGG DRILLING & TESTING, INC.**  
• ENVIRONMENTAL and GEOTECHNICAL DRILLING  
• WELL INSTALLATION  
• CONE PENETRATION TESTING

2726 WALNUT AVE. • SIGNAL HILL, CA 90755

**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

**amec**

Earth & Environmental  
Douglas R. Bell, GE  
Scott T. Kerwin, CEG  
Mark W. McLarty, CEG

1290 N. Hancock Street  
Suite 102  
Anaheim, California  
USA 92807-1924

Tel (714) 779-2591  
Fax (714) 779-8377

www.amec.com

**EARTH SYSTEMS**  
Geotechnical Engineering  
Engineering Geology  
Environmental Consulting  
Materials Testing & Inspections

17 offices in California, Arizona, Washington & Idaho  
Los Angeles Area Office (818) 901-8075  
www.earthsystems.com

**GROUP** 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) 809-1020  
San Diego County: (858) 524-1500  
www.GroupDelta.com

**KRIEGER & STEWART** INCORPORATED

ENGINEERING CONSULTANTS

• WATER  
• WASTEWATER  
• RECYCLED WATER  
• STORM WATER

Riverside, CA • (951) 684-6900  
www.kriegerandstewart.com

**Cannon** Providing the Elegant Solution

Cannon Associates is a multidisciplinary consulting firm that has been serving clients throughout California for over 30 years. We are professionals who work together to meet challenges through teamwork and dedication.

Since 1976  
Public Works  
Development  
Energy  
Defense & Transport  
Schools & Institutions

**CIVIL ENGINEERS**  
(Dante Maris and Joe Lee-Chang)  
Register a full-time degree in Civil Engineering, 5 years experience, and E.E. or P.E. license.

**SENIOR CIVIL ENGINEER**  
(Robert Hefner)  
Register a full-time degree in Civil Engineering, 5 years experience, and E.E. or P.E. license.

If you want to work on exciting projects in a dynamic environment, seek career and growth, join the Cannon Associates team.

For more information visit www.CannonAssociates.com

**FUSCOE**

• land development  
• entitlement services  
• survey & mapping  
• water quality assurance  
• eco-adaptive design  
• groundwater services  
• environmental engineering  
• GIS & CADD graphics

www.fuscoec.com  
949.471.1960

full circle thinking

Irvine • San Diego • Inland Empire • Palm Springs

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

visit us online for job listings at  
www.hfinc.com

**800.544.2114**

Offices throughout Southern California including Irvine, Rancho Cucamonga, Santa Clarita, Temecula, Victorville, and Woodland Hills

**LDC**

**LAND DESIGN CONSULTANTS, INC.**  
Land Planning, Civil Engineering, Surveying & Environmental Services

199 South Los Robles Ave., Suite 250  
Pasadena, California 91101  
626/578-7000  
Fax 626/578-7373

Valencia Office:  
661/775-9340  
Fax 661/775-9342

E-mail: ldc@ldcl.com

**Converse Consultants**  
Geotechnical Engineering  
Environmental & Groundwater Science  
Inspection & Testing Services

Monrovia Office (626) 930-1200 Costa Mesa Office (714) 444-9680  
Fax (626) 930-1212 Fax (714) 444-9640

Redlands Office (909) 796-0544 Sacramento Office (916) 331-5444  
Fax (909) 796-7675 Fax (916) 331-6444

www.converseconsultants.com

**GENTERRA Consultants, Inc.**  
Engineering & Geotechnical Services  
Irvine • Oxnard • San Diego • Corona • Roseville

Joseph J. Kulikowski, PE, GE  
Founder, President & Principal Engineer

15375 Barranca Pkwy • Suite K-102 • Irvine, CA 92618  
Phone (949) 753-8766 • Fax (949) 753-8887  
Email: joekul@genterra.com • Web Site: www.genterra.com

**Guillermo (Bill) Flores Jr., P.E.**  
Water Resources  
Project Manager

HDR Engineering, Inc.  
2280 Market Street  
Suite 100  
Riverside, CA 92501  
www.hdrinc.com  
Bill.Flores@hdrinc.com

Main (951) 320-7300 Direct (951) 320-7311  
Fax (951) 320-7301

**LGC**

**Geotechnical Companies, Inc.**

Website: www.lgcgeo.com

• LGC COASTAL (Orange County): (949) 369-6141  
• LGC INLAND (Riverside County): (951) 461-1919  
• LGC VALLEY (Ventura/LA Counties): (805) 579-3434

www.dccivileng.com

**DCA CIVIL ENGINEERING GROUP**  
SURVEYING • MAPPING • LAND PLANNING

(310) 327-0018  
FAX (310) 327-0175

**Geomatrix**

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

James J. Weaver, P.E., G.E.  
510 Superior Avenue, Suite 200 Newport Beach, CA 92663  
(949) 642-0245 • office (949) 642-4474 • fax

**HESS ENGINEERING INC**  
Structural Engineers

Richard L. Hess, S.E., SECB, F.ASCE  
President

www.HessEng.com

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

**LIN Consulting, Inc.**  
Traffic, Civil and Electrical Consulting Engineers

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

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

**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 www.diazyourman.com

**GeoPentech**  
Geotechnical & Geoscience Consultants

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

**JENSEN DESIGN & SURVEY, INC.**

1672 Donlon Street  
Ventura, California 93003

Local 805 654 6977  
FAX 805 654 6979  
State 800 676 1916

“Designing for the Future”

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

Engineers Planners Surveyors

**LaBelle • Marvin**  
PAVEMENT ANALYSIS, DESIGN, TESTING & INSPECTION SINCE 1969

Steven R. Marvin, P.E.  
President

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

**DMJM HARRIS | AECOM**

Ranked #1 in Transportation by ENR magazine, DMJM Harris is always searching for new talent.

For more information on career opportunities, please contact: jane.griffin@dmjmharris.com.

www.dmjmharris.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.com

**OSBORN K&A**  
FALAHATI  
Engineering, Inc.

357 N. Sheridan St. 117  
Corona, CA 92880  
Tel: (909) 279-1800  
Fax: (909) 279-4380  
Email: ka@kaengineering.com

• Engineering  
• Land Planning  
• Surveying

**MACTEC**  
GEOTECHNICAL • ENVIRONMENTAL • TESTING

Martin B. Hudson, Ph.D., G.E. Marshall Lew, Ph.D., G.E.  
Jeffrey R. Keaton, Ph.D., C.E.G., P.E. Perry A. Maljian, G.E.

5628 E. Slouson Avenue • Los Angeles, California 90040-2922  
323.889.5300 • www.mactec.com

**Noise & Air Studies**  
Registered Engineers in Business Since 1981

**Mestro Greve Associates**  
Contacts: Fred Greve, P.E.  
Gail Stone

27812 El Lazo Road  
Laguna Niguel, CA 92677  
Tel: (949) 349-0671

*Freeways • Airports  
Treatment Plants • Soundwalls  
Building Acoustics • EIR/EIS*

*All Civil Engineering Projects*

**The PRESSURE GROUT COMPANY**  
Steven C. Chandler  
Branch Manager

1975 National Avenue  
Hayward, CA 94545-1709  
510-857-2244  
www.pressuregrout.com • e-mail: sgoll@pressuregrout.com

1330 W. Gaylord Street  
Long Beach, CA 90813-1321  
562-436-4100

**VA Consulting, Inc.**  
Corporate Office  
17801 Cartwright Road  
Irvine, CA 92614

Phone 949.474.1400  
Direct Dial 949.474.1401 Ext. 212  
Fax 949.261.8482  
E-mail maxvaid@vaconsultinginc.com

Max P. Vaid, P.E.  
President and CEO

Offices in: Irvine • Corona • Rancho Mirage

**WALLACE GROUP**

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

805 544-4011  
www.wallacegroup.us

**BEST FIRMS TO WORK FOR**  
CE NEWS • TOP 50 • 2007

**NMG Geotechnical, Inc.**

**Hayim Ninyo  
Ted Miyake**

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

**PSOMAS**

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

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

## MATERIALS SUBMISSION INFORMATION

If you'd like to have your business card or company information listed in the Professional Directory, please contact **Lorena Arce** at **(310) 486-2399** or email her at **arce.engineer@verizon.net** for rates and deadlines.

**NORRIS-REPKE**  
Engineers & Land Surveyors

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

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

**RBF CONSULTING**

CE NEWS TOP 2  
BEST FIRM  
To Work For

*Providing innovative, timely and cost effective solutions to today's design challenges through personalized Client service.*

PLANNING ■ DESIGN ■ CONSTRUCTION

Offices located throughout Arizona, California and Nevada • www.RBF.com

**PACE**  
PACIFIC ADVANCED  
CIVIL ENGINEERING, INC.

*Innovative Water Resource  
Design Solutions  
in Partnership with Nature*

- Stormwater Management
- Wastewater / Potable Water
- Lakes / Water Features

www.pacewater.com  
17520 Newhope St., Suite 200, Fountain Valley, CA 92708  
Main: 714.481.7300 Fax: 714.481.7299

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

**rrmdesigngroup**

creating environments people enjoy®

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

**PB**  
100 YEARS

**Parsons Brinckerhoff**

444 South Flower Street  
Suite 3700  
Los Angeles, CA 90071  
Direct: 213-362-9475  
Fax: 213-362-9480  
Givens@pbworld.com

**Jerry M. Givens**  
Senior Vice President &  
Local Business Executive

**SA ASSOCIATES**  
Shahnawaz Ahmad  
CONSULTING ENGINEERS

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

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

**Penfield & Smith**  
Engineers • Surveyors • Planners  
Construction Management

Quality & Service For Over 60 Years

Santa Barbara Corporate Office  
tel 805-963-9532

Camarillo 805-981-0706 Santa Maria 805-925-2345 Lancaster 661-949-6676  
www.penfieldsmith.com

Civil • Environmental • Water Resources  
Surveying • Construction Management • Program Management

**TKE ENGINEERING**

TKE ENGINEERING, INC.

4446 Central Avenue • Riverside California 92506  
(951) 680-0440 • Fax (951) 680-0490  
www.tkeengineering.com

**PETRA**  
past • present • future

**Geologists  
Geotechnical Engineers  
Environmental Scientists**

888-243-6100

Debanik Chaudhuri  
Chief Geotechnical Engineer

562.426.3355 phone  
562.426.6424 fax  
562.355.8635 cell  
dchaudhuri@twininglabs.com  
www.twininglabs.com

**TWINING LABORATORIES**  
OF SOUTHERN CALIFORNIA

2883 East Spring Street  
Suite 300  
Long Beach, CA 90806

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

**PERLITER & INGALSBE**  
CONSULTING ENGINEERS

Engineering Investigations, Designs  
and Construction Services for:

- Potable Water
- Recycled Water
- Wastewater
- Storm Drainage

(626) 398-9111

2389 Lincoln Avenue, Altadena, California 91001  
Facsimile: (626) 398-9115 Website: www.P-and-I.com

**URS**

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

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

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

www.urscorp.com

**HYDROLOGY/HYDRAULICS/ENVIRONMENTAL SOFTWARE**

## ADVANCED ENGINEERING SOFTWARE

P.O. Box 4962  
GARDEN GROVE, CA 92842-4962  
TEL/FAX: (714) 780-8990  
TO REVIEW AES PROGRAM FEATURES AND CAPABILITIES, VISIT:  
<http://www.advancedengineeringsoftware.com>

- Software written/supported by **AUTHORS OF THE HYDROLOGY MANUALS.**
- Software used throughout Southern California since 1980 by private and government agency engineers.
- Used to develop 55 City-Wide and County-Wide Master Plans of Drainage throughout California.

**AES Program Developers & Support:**  
Theodore V. Hromadka II, Ph.D., Ph.D., P.E., P.H., LG, *Professor Emeritus, CSUF*; Johannes J. DeVries, Ph.D., P.E., *Faculty, UC Davis*; Howard H. Chang, Ph.D., P.E., *Professor, SDSU*; Paolo Zanetti, Ph.D., QEP, *President, EnviroCOMP*; Robert J. Whitley, Ph.D., *Professor Emeritus, UC Irvine*; Carlos Brebbia, Ph.D., *Director, Wessex Institute of Technology*; Gary Guymon, Ph.D., P.E., *Professor Emeritus, UC Irvine*.



# ASCE OFFICERS AND DIRECTORS OF THE LOS ANGELES SECTION, FY 2008-2009

President	Don Sepulveda, P.E.	HNTB	dsepulveda@HNTB.com,	(714) 415-8921
President-Elect	Jay Higgins, P.E.	URS Corporation	jay_higgins@urscorp.com	(818) 406-4896
Past-President	Mark Norton, P.E.	Santa Ana Watershed Project Authority	mnorton@sawpa.org	(951) 354-4221
Secretary	Janice Horcasitas, P.E.	City of Bakersfield Department of Public Works	jhorcasi@bakersfieldcity.us	(661) 326-6307
Treasurer	Jalal Vahabnezhad, P.E.	L.A. County Department of Public Works	jvahab@ladpw.org	(626) 458-3114
Vice President - Student Activities	Russell Ryan, P.E.	Metropolitan Water District of Southern California	rryan@mwadh2o.com	(213) 217-6625
Vice President - Technical Groups	Sonia Nasser, P.E.	Bryan A. Stirrat & Associates	ascemom@gmail.com	(951) 836-3953
Desert Area	Gene Coufal, P.E.	City of L.A. Department of Water and Power	gene.coufal@ladwp.com	(760) 873-0225
Metropolitan Los Angeles	Androush Danielians, P.E.	DMJM Harris	androush.danielians@dmjmharris.com	(213) 593-8402
Orange County	Kenneth Rosenfield, P.E.	City of Laguna Hills	krosenfield@ci.laguna-hills.ca.us	(949) 707-2655
San Bernardino/Riverside Counties	Tim Wilson, P.E.	City of Redlands	twilson@cityofredlands.org	(909) 798-7585
San Luis Obispo	Courtney Howard, P.E.	County of San Luis Obispo	choward@co.slo.ca.us	(805) 781-1016
Santa Barbara/Ventura Counties	Linda Sumansky, P.E.	City of Santa Barbara	LSumansky@SantaBarbaraCA.gov	(805) 564-5361
Southern San Joaquin	Mark Evans, P.E.	Kern County Road Dept.	marke@co.kern.ca.us	(661) 862-8854
Younger Member Forum	Cesar Moran, P.E.	Psomas	cmoran@psomas.com	(310) 954-3773
Life Member Forum	Ted McConville, P.E.	Retired	tedmcconville@aol.com	(949) 673-4475
Region 9 Governor	Shahnawaz Ahmad, P.E.	SA Associates	sahmad@saassociates.net	(626) 821-3456

## Publisher

ASCE LA Section  
Jacqui Rowe  
1405 Warner Ave., Suite B  
Tustin, CA 92780  
Phone (714) 258-8306  
Fax (714) 258-8391  
E-mail: director@ascelasection.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@UCLAumni.net  
Typesetting, Layout & Printing: The Center Quickprint



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

## Identification Statement

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

## Circulation

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

## Advertising Rates

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

## PROFESSIONAL DIRECTORY

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

## POSITION WANTED ADS

No cost to L.A. Section members.

For more advertising and billing information, please contact Lorena Arce, P.E., at (310) 486-2399 or arce.engineer@verizon.net.

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)



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

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

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

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

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