

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



The Politics of Infrastructure

On November 4 we will be selecting new leadership and voting on some important measures that affect not only us as engineers, but the community as a whole. I thought that I would take this message to talk about some of the issues in this next election and what is at stake.

We have all read about ASCE's efforts to inform the public of concerns regarding our infrastructure. We have been preparing report cards on the topic for several years. Unfortunately, it took the Katrina disaster and the collapse of the I-35 bridge in Minnesota to really bring this to the forefront. With few exceptions, the mainstream news has been remarkably silent on the state of the infrastructure. Over the past couple of years, our efforts to inform our elected leaders about the state of our infrastructure have been successful, but the economy has stifled some of the efforts for additional funding to make the necessary improvements or upgrades.

Our presidential election is an important one this year. I am not going to endorse either of the major candidates within this message. That is not what we are about. I will however, address the issue of infrastructure and how the discussion of infrastructure has not been at the forefront of the debates.

During the primaries, we heard the suggestion that the gas tax should be suspended for the summer to give relief to everyday citizens. During that time I had discussions with friends and relatives who agreed with that idea. It was not until I informed them about what the gas tax was used for that they understood the problem. As civil engineers, we know that one of the main sources of revenue for the maintenance and other funding of our highways are the gas taxes. Imagine the condition of these roadways without these much needed funds for several months.

Our infrastructure is a prominent issue in this election. When you look at the candidates, not just the national candidates, but your local candidates, look at what their stance is on infrastructure. Are they interested in this topic? Do they have a plan? Is their plan for the infrastructure part of their overall economic plan? Endorsements aside, we do need to understand that it is not just about adjusting taxes up or down, or about spending. It is about how the entire economic machine is going to work in relation to our decaying infrastructure. We have all heard that the reason we cannot improve or fix things is because we do not have the available funding. It is time to look at the funding question in relation to the jobs question and look to our leaders to connect the dots.

In Los Angeles, we have an important measure to decide upon this election. Mayor Antonio Villaraigosa has placed a number of items on his platform for his term as Mayor, probably the most prominent of these is his stance on transportation and mobility in Los Angeles. The Mayor has recognized the need for improved public transportation for mobility in Los Angeles and has instituted several programs to further his agenda.

VOL_XLVIII NO_11

In This Issue *page*

PRESIDENT'S MESSAGE 1

EDITORIAL 2

WHAT'S HAPPENING IN THE 2

ANNOUNCEMENTS..... 3-4

EMPLOYMENT OPPORTUNITIES..... 4-5

PROFESSIONAL DIRECTORY..... 6-7

Reminder:

Copy deadline for the Dec. 2008 issue is Nov. 1, 2008; copy deadline for Jan. 2009 issue is Dec. 1, 2008.



What's Happening in the Some of Our Branches

Orange County Branch

The Orange County Branch held its annual field trip on August 21, 2008, as a tour of the Port of Long Beach. Eighty members boarded a boat and were hosted by Mr. Al Moro, the Deputy Director of Engineering for the Port. The tour included an explanation of the existing facilities and future expansions of the container services that convey many of the goods sold throughout the United States.

The Branch's September lunch meeting was held on the 18th and featured a presentation of the Tustin Legacy project infrastructure status. Over 100 Branch members joined the event to hear City of Tustin Development Services Manager, Doug Anderson, review the history of the former Marine Air Station and its conversion to civilian use. This 1,600 acre project site includes every type of infrastructure challenge that can be imagined and is being developed in phases. The site also contains the historic lighter than air (blimp) buildings that are ASCE designated historic Civil Engineering facilities.

On October 16, 2008, a lunch meeting was held to hear a talk by ASCE Fellow Dr. Jeffrey Keaton on quantifying the risk of loss from landslides. The talk covered the engineering factors and systematic approaches taken to evaluate landslide potential and how insurance companies use this information.

All are also invited to the Branch's November dinner meeting to be held on the 20th and will feature student fellowship night with student chapters from UCI, CSUF and CSULB, a History and Heritage Committee presentation, the installation of new Board Officers, and a talk by the Society President-Elect Mr. Blaine Leonard. For details of these events, please visit our web page at www.asceoc.org.

San Luis Obispo Branch

The San Luis Obispo Branch held a Public Agency Forum for their September luncheon that was very well attended. After the Public Works Directors and/or City Engineers from three cities and one County speakers introduced themselves, attendees asked a broad range of interesting questions. New officers for 2008-09 were also installed, and outgoing officers were thanked for their year, and in some cases, years, of service. Members also attended a webinar, entitled "What An Engineer Needs To Know To Survive and Thrive: Soft Skills, People Skills, and Leadership Traits" in September. The Branch continues to publish their monthly newsletter, which features President's Perspective, Meet the Member and Luncheon Topic articles, and clean their adopted stretch of highway every other month.

Find out the latest Section &
Branch news @

www.ascelasection.org

EDITORIAL

Engineering Politics

An American tradition continues in November. Yes, we do celebrate Thanksgiving on this month. I am talking about the other tradition though, elections. This particular year is very historic indeed. Faced with the worst financial crisis in our history, people all over the world are anticipating the results of our Presidential Elections with the hope that a new administration would be able to influence worldwide economic recovery. While our politics are local, our influence is certainly global.

Los Angeles Section President Don Sepulveda, P.E. has brought to light the importance of the gasoline tax, projects associated with Measure R, and the proposed California Light Rail project. We look at these to be designed to create jobs for many in the state with the intent of spurring the struggling economy.

Self-serving perceptions aside, we should be cognizant of the implications of the decisions we will be making during the upcoming election. A lot is at stake here. Please vote wisely.

In this issue of your newsletter, we highlight a few of our Orange and San Luis Obispo's Branch activities. We also highlight some very important announcements concerning the 2009 Leadership Training in Government Relations Program to be held in Washington, DC, the deadline for the State Public Affairs Grants, and a request for your participation in the upcoming 2009 Infrastructure Report Card.

Finally, we congratulate the winners of this year's Section Awards.

Enjoy this issue of your newsletter.

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

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.

**ASCE's 2008
Member-Get-A-Member
Drive Depends on You!**

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

EARTHQUAKE!!!

Not...But, Be a Part of History!

Participate in the largest earthquake drill in U.S. history taking place as part of the Great Southern California ShakeOut Thursday, Nov.13, 2008 at 10:00 a.m. Registration information can be found at <http://iec.lacity.org/html/registration.html>.

Attend the Los Angeles International Earthquake Conference, Nov. 12 through 14 in Downtown Los Angeles, and witness the largest effort ever undertaken to prepare Southern California communities and governments for the next major earthquake.

Bring home the knowledge and experience of the world's leading seismic and emergency response experts to your community.

The sessions, excursions, demonstrations and other activities of the Conference will let you go behind the scenes and see the policies, science and people behind the Great Southern California ShakeOut.

Conference Excursions Include...

City of Los Angeles Emergency Operations Center (EOC) - See the City's cutting-edge EOC go live during a Level 4 activation during the drill.

Urban Search and Rescue Demonstration - Watch the L.A. City Fire Department go into action in a boots-on-the-ground urban search and rescue drill.

NEES@UCLA "Shaketable" Earthquake Simulator - See the physical effects of an earthquake during a demonstration of the incredible NEES@UCLA Shaketable.

See you there!

2009 Leadership Training in Government Relations Scheduled

The 2009 Leadership Training in Government Relations Program, or the "Legislative Fly-In," will take place March 25-26, 2009 in Washington, D.C. Applications will be available shortly at <http://www.asce.org/govrel>.

This day-and-a-half program provides Section leaders and interested ASCE members with training on important civil engineering issues and how to establish and maintain relationships with elected officials.

The 2009 Program will coincide with the release of the 2009 Report Card for America's Infrastructure, and attendees will be the first to bring this message of infrastructure renewal to elected leaders on Capitol Hill.

For further information contact ASCE Government Relations at govwash@asce.org or 202-789-7850.

State Public Affairs Grants

The State Public Affairs Grants (SPAG) program is a resource to help ASCE Sections undertake public relations (PR) and government relations (GR) projects at the grassroots level. The goal of the program is to enhance the image of civil engineers as leaders and experts on America's vital infrastructure systems and to encourage advocacy on issues that are important to civil engineers. SPAG can provide funding of up to \$7,500 for projects.

Please don't let this opportunity pass you by. Take time to enhance the image of civil engineers as leaders and experts on America's vital infrastructure systems and to encourage advocacy on behalf of issues that are important to civil engineers.

SPAG proposals must be submitted by November 7.

For more information, proposal guidelines and more visit <http://www.asce.org/inside/spag.cfm>

Shape Results of the '09 Report Card — Take Our Survey

As a civil engineer working in your community, you're more attuned than typical residents to the area's infrastructure challenges. Which ones are of greatest concern? Share them by taking a survey that will help ASCE ready its 2009 Report Card for America's Infrastructure. The survey is your way of telling us what ought to be emphasized in the new Report Card, whether the biggest problems in your community are in roads, transit, the energy grid, wastewater or other areas.

The survey is open to ASCE members only; your personal information will not be shared. Take it by visiting:

<http://www.zoomerang.com/Survey/survey-intro.zgi?p=WEB228AEAT3YAR>

Perhaps the most important of these programs is Measure R that has been added to the ballot this year. For those of those that are not familiar with it, Measure R institutes a half cent sales tax increase in Los Angeles to fund transportation projects. There are several programs that will move forward with this funding, including; the "subway to the sea", the second phase of the Exposition Light Rail Line, expansion of the Gold Line into San Gabriel Valley and into Montclair, and a downtown regional connector, just to name a few. These projects will affect thousands in Los Angeles by providing efficient transit between additional parts of the city in addition to removing many vehicles off of the highways. As engineers, we understand that when we construct a rail line we remove a significant amount of vehicles off of the roadways adjacent to the rail line.

Just as important as constructing new transportation facilities in southern California is the upgrade of existing systems and repairs to our infrastructure. In addition to funding transportation projects, Measure R will provide funding for advanced technologies to be used in existing rail systems and also to address some of the existing infrastructure issues facing southern California. We have bridges that need repairs or upgrades. We also have rail systems that have some components that are out of date. Newer technologies may be available to address safety concerns. While we all know that our bridges and transportation systems are in compliance with federal and state regulations, we also know that there are things that we can do to make them better. It is not that our rail systems are unsafe, quite the contrary, it is about enhancements to rail safety that can prevent the accidents of the future.

At the state level, there is a upcoming proposition for the initial funding of a high speed train system in California: similar to what you see in Europe and Japan and provide efficient transportation between Los Angeles and major cities in California, including San Francisco, Sacramento, and San Diego. Such a system will allow us to go to San Francisco in a little over two hours, about the same time it takes us to fly. In addition, this system will reduce greenhouse gases by providing a clean alternative for transportation up and down the Central Valley in California. A program level environmental document has been approved and work is underway on corridor specific environmental documents.

This \$10 billion bond measure will provide funding for the initial efforts including corridor environmental work and preliminary engineering, and other early work important to the system. The total price tag for this system is estimated to be about \$45 billion. While we have to ask ourselves if we can afford this, we also have to ask ourselves if we can afford NOT to do this. On the surface it appears that the current state of the economy, including both the federal and state budget deficits, will not allow such an investment. In reality, the investment is an investment into the economy and future of our state. Initial estimates show that 150,000 new jobs will be created with the construction of the project, with about 450,000 permanent jobs created when the system is in full operation. The benefits of the project cannot be ignored.

Over the next several weeks all of us will have the opportunity to talk about these topics with friends, neighbors, and co-workers. It is up to us to communicate the importance of these issues and discuss the benefits and impacts to our society. As civil engineers, we have a grasp of the infrastructure issues in California, and are the most capable of getting the word out about the realities of this issue and how it relates to the very prominent issue of the economy. After all, the various issues that are facing us; infrastructure, economy, employment, and education are all interconnected. It is up to us to impact our communities by informing others about the realities of the issues and how important it is to provide for the future.

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[®]
Software for Engineers, By Engineers

Tel 909.885.3806

Fax 909.381.1721

www.civildesign.com

EMPLOYMENT OPPORTUNITY

Semi-Retired Civil Engineer

Semi-Retired Civil Engineer available for short term/long term commitments. **California P.E. with 40+ years of varied experiences and responsibilities, including claims consulting and expert witness testimony. C.V. and references will be available upon your request.**

E-mail: evnel@aol.com
Cell phone: 323-356-7814

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



I'M AT **HOME** ON THE RAILWAYS

I'M HOME AT **ASCE**.

Civil engineers are mass transit pioneers and problem solvers, enabling workers to make their journey safely to and from work everyday. ASCE is here to make your professional journey exciting and secure with resources and peer-to-peer networking to keep you informed, inspired and innovative. Rest assured, no matter where you go in your civil engineering career, you'll always have a home at ASCE.



The home for civil engineers and the civil engineering profession.

ASCE® American Society
of Civil Engineers
www.asce.org

WANTED

**MENTORS WITH MULTIPLE
YEARS OF EXPERIENCE
AND
SPONSORS!**



The mentoring program is off to a successful start in its first year; however, the program is still growing and we are seeking experienced Civil Engineers to serve as mentors. Also, we welcome sponsors for our activities and events.

**IF YOU WANT TO MAKE A DIFFERENCE IN SOMEONE ELSE'S
LIFE THEN WE WANT TO HEAR FROM YOU!**

PLEASE VISIT THE MENTORSHIP COMMITTEE'S WEBSITE FOR
APPLICATION AND OTHER USEFUL INFORMATION.

@
www.asce-sbriv.org/Mentorship_Committee/mentorship_committee.html

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 Loma, 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

- WATER
- WASTEWATER
- RECYCLED WATER
- STORM WATER

ENGINEERING CONSULTANTS

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 & Aerospace
Schools & Institutions

CIVIL ENGINEERS
(Santa Maria and San Luis Obispo)
Requires a Bachelor's degree in Civil Engineering, 5 years experience, and E.T. or P.E. license.

SENIOR CIVIL ENGINEER
(Shafter)
Requires 15 years experience, proven expertise in Land Development and Public Works design, and California P.E. license.

If you want to work on exciting projects in a dynamic environment, and receive and cover letter to HR@CannonAssociates.com or fax to (805) 781-0915. EOE

For more information visit www.CannonAssociates.com

FUSCOE ENGINEERING

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

www.fuscoe.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

Valencia Office:
661-775-9940
Fax 626-578-7000
Fax 626-578-7373 E-mail: ldc@ldcl.com Fax 661-775-9942

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

HR

HRD 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) 369-8141
- LGC INLAND (Riverside County): (951) 461-1919
- LGC VALLEY (Ventura/LA Counties): (805) 579-3434

www.dcacivileng.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
- * 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

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-ca.com

OSBORN K&A
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
510.887.2244
www.pressuregrout.com • e-mail: pgs@pressuregrout.com

1330 W. Gaylord Street
Long Beach, CA 90813-1321
562.432-4100

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®

805 544-4011
www.wallacegroup.us

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

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.

All graphic materials submitted for use in this newsletter should have all fonts outlined, and links included; .eps files preferred. Other formats are: Quark, Adobe Illustrator or Adobe Photoshop; additional acceptable file formats are: .qxd, .eps, and .tif; PDF files are acceptable for proofing only. Images embedded in Microsoft Word documents should be sent separately, at a minimum resolution of 150 dpi at the display size desired. Collected files, including links and fonts, should be compressed and emailed, or sent on zip disk (provide return address). Business cards can be submitted electronically as well, or send clean, crisp, b&w laser print, unfolded.

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

rrm design group

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

UL Registered to ISO 9001
File No. A9115

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

TWINING LABORATORIES
OF SOUTHERN CALIFORNIA

Debanik Chaudhuri
Chief Geotechnical Engineer

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

2883 East Spring Street
Suite 300
Long Beach, CA 90806

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

PERLITER & INGALSBE
CONSULTING ENGINEERS

Engineering Investigations, Designs
and Construction Services for:

- Potable Water
- Recycled Water
- Wastewater
- Storm Drainage

(626) 398-9111

2369 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
L.A. Section web site at: www.ascelasection.org



This newsletter is printed on Forest Stewardship Council (FSC)-certified paper and with 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.**