

~
"Happy Thanksgiving
To All"
~

VOL_XLVI NO_11

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Reminder:

Copy deadline for the December, 2006 issue is November 1, 2006; copy deadline for January, 2007 issue is December 1, 2006.

www.ascelasection.org

Los Angeles Section

Monthly: Est. 1913

ORANGE / SAN_BERNARDINO/RIVERSIDE / SAN_LUIS_OBISPO / SANTA_BARBARA/VENTURA / DESERT /
SOUTHERN SAN_JOAQUIN / METROPOLITAN LOS ANGELES

"The greatest love is loving someone even if they do not deserve to be loved."

— Anonymous

PRESIDENT'S MESSAGE

John Morris, P.E.
Section President



The strength of any membership organization is in its volunteers. Anyone willing to volunteer his or her time and resources to an effort is usually a highly motivated and committed individual. These individuals can take an organization to levels not possible in for-profit operations. Every American can identify with these types of organizations whether there're civic, religious or professional groups. ASCE has one of the strongest histories of membership involvement and the hallmark of that involvement is its technical groups.

ASCE enjoys a peerless international reputation as technical experts in the civil engineering profession. In the last five years, two high profile events utilized the skill and dedication of ASCE members in examining important aspects of the civil engineering profession. The United States turned to ASCE in the aftermath of 9/11 in efforts to examine the safety and security of high-rise building from terrorist attacks. ASCE and its members were in a unique position again following the tragic flooding and levee failures of *Hurricane Katrina*. Local members lent their technical expertise to a comprehensive effort to examine the levee systems in and around New Orleans and helped make important recommendations to improve the safety of new facilities.

One of ASCE's canons states, "engineers shall continue their professional development throughout their careers, and shall provide opportunities for the professional development of those engineers under their supervision." ASCE actively encourages its membership to pursue this goal by attending professional meetings and seminars. At the local level, ASCE offers its members numerous opportunities to expand their professional horizons while sharing individual expertise with other members.

If you've been an active member of the Section, you have undoubtedly attended many of seminars, dinners, symposia and field visits to key civil engineering projects in or around your area. You may have been asked to organize a visit to a construction site or a newly opened public works project. These activities offer our members unique opportunities to learn and inform others about what we do.

There are two types of members in any membership organization. One type includes those who are quick to respond to a call for help in organizing a meeting or contacting members to be on a committee. These members will always be the first to volunteer for a new committee or help schedule a meeting or field trip.

While ASCE at the local level does employ a small team of paid administrative staff to assist in running the Section Office, it's the hundreds of volunteers that define our success.

The Technical Groups

The technical groups are the heart and soul of the Los Angeles Section and its branches. If you want to gauge the Section's strength and effectiveness, you need only examine local member participation.

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Los Angeles Section 2006 Awards Presented October 6, 2006 at the Annual Awards and Installation Banquet

- **Outstanding Civil Engineer in Private Sector**

This award recognizes individual engineering achievement in the private sector. This year's recipient is **Ken J. Susilo, P.E., CPSWQ, M. ASCE** who is being recognized for engineering achievement and innovation in storm water quality and management including development of the LA County-wide Best Management Practices (BMP) Prioritization Methodology - a systematic, GIS based approach to prioritizing structural BMP opportunities; preliminary design and optimization studies in support of an innovative field demonstration as part of the Irvine Ranch Water District Natural Treatment System utilizing wetland processes to remove selenium in San Diego Creek; and preparation of the North Santa Monica Bay Beaches bacteria TMDL implementation plan which addresses integrated water resources, site specific source controls, and structural BMPs. Mr. Susilo has been a key member of ASCE Infrastructure Report Cards for Los Angeles and Orange Counties and the Statewide Infrastructure Report released September 27th. Mr. Susilo has over 15 years of experience in engineering design, hydraulics, hydrology, computer modeling, and storm water management, and has committed his professional career to the improvement of the natural and built environment. He holds a BS and MS in Civil Engineering from UC Berkeley and is a Certified Professional in Storm Water Quality. Mr. Susilo is Operations Manager for GeoSyntecConsultants' Los Angeles office.

- **Outstanding Civil Engineer in Government**

This award recognizes individual engineering achievement in the public sector. This year's recipient is **James A. Miller, P.E., M. ASCE**. Mr. Miller is the Manager of Engineering & Permit Services and the Acting Manager of the Construction Management Division at the County of Orange Resources and Development Management Department. Some key accomplishments under Mr. Miller's leadership include: creation of the Regulatory Permit Section for centralized processing of permits required for construction and maintenance projects; preparation of the Stormwater Pollution Prevention Plan template; preparation of the Water Quality Management Plan template; revision of the Local Drainage Manual; revision of the County Property

Permits Manual; Revision of the Grading Manual; implementation of coastal flood plain construction regulations; and mapping of rockfall hazards in Silverado Canyon. Jim has been the Chairman of the Orange County Standard Specifications Committee since 1992 and serves on the OC Standard Plans Committee, and OC Public Works Committee. He is a member of Tau Beta Pi and has been a member of ASCE since 1975. Mr. Miller is a Southern California native and attended college at Cal Poly – Pomona where he received a BS in Civil Engineering in 1973. He attended graduate school at CSULB and Cal Poly where he received a Master of Engineering degree in 1977.

- **Outstanding Younger Civil Engineer**

This award recognizes individual engineering achievement by a younger (35 years of age or younger) engineer. This year's recipients are **Ana L. Licon, EIT, A.M. ASCE**, and **Lauren Popescu, EIT, A.M. ASCE**. Ms. Licon is a Project Engineer at Harris and Associates in its Orange County office. She performs pavement evaluations using pavement management databases, assesses the feasibility of Community Facility Districts, conducts construction audits, etc. Other experience includes preparation of subdivision and municipal project plans and specifications. She has held ASCE leadership positions with the Orange County Branch Younger Member Forum (YMF) currently serving as Treasurer. She was also a volunteer and participant at the ASCE golf tournament in 2004, which raised over \$3000 for OC and LA YMF Groups. Ana has an active role in advancing the status and public recognition of Civil Engineering through her voluntary involvement as a High School Student Outreach speaker. Ms. Licon received a BS in Civil Engineering from the University of Nevada-Las Vegas in 1999. Mr. Popescu was instrumental in the formation of a new Younger Member Forum in the San Bernardino/Riverside Counties area, organizing the group's administration and planning the first activities. Mr. Popescu prepared bylaws which were approved by ASCE National, created a website, arranged for interesting and informative speakers and tours. In addition, he raised approximately \$6,000 and obtained commitments from the Branch and Section for recurring financial support. Mr. Popescu is also a tireless volunteer in his local community

EDITORIAL

There's a Lot to Be Thankful For

This is Thanksgiving Month. It is also the month when we hold elections across California. Several of the initiatives involve much needed infrastructure revitalization across the state. As ASCE, our organization has created significant awareness for our failing infrastructure. As Region 9, we created awareness in Sacramento for the same issues that eventually led to the drafting of Propositions 1A through 1E. The funds that will be generated if these propositions pass are tremendous. It will be a big boost to the upgrading of essential facilities, not for this specific generation alone, but most especially for the next generation of users. We encourage our members to vote during the November elections. Consider the propositions in the most positive way.

In this issue, our Section President talks about the value of ASCE membership and how we should exploit our resources to enhance the profession in general, and ourselves in particular. We also give tribute to the winners of this year's Section Awards. Their profiles provide inspiration for us to do well in our particular endeavors. ASCE Fellow Carl Blum, P.E. provides insightful information about ASCE Region 9 including the new officers and activities relating to ASCE Region 9.

Our newsletter provides a wide forum for ideas relating to civil engineering. You are most welcome to contribute in future issues.

Enjoy your newsletter!

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

serving as member of the San Geronio Search and Rescue and the City of Loma Linda Traffic Advisory Committee. He was involved in the recovery of an injured hiker who had fallen, helping to carry the individual on a stretcher to waiting paramedics. Mr. Popescu has prepared designs and improvement plans for a number of site developments including street improvement, water, wastewater, and storm drain plans, and helped prepare hydrology/hydraulic studies.

- **Outstanding Private Sector Civil Engineering Project**
Shady Canyon/Quail Hill, Irvine Community Development Company – This award recognizes the engineering efforts of private sector firms in the completion of outstanding civil engineering projects. This year's selected project is the Shady Hill/Quail Valley master planned communities located adjacent to one another within the Irvine Ranch. "Shady Canyon" is a new 1,070-acre gated community nestled in the valleys of the Irvine Ranch between SR-73 and I-405 with access from Shady Canyon and Bonita Canyon Drives. The improvements consisted of 400 custom home sites ranging in size from one-half acre to over one acre lots, a 300-acre private golf course designed by Tom Fazio and 175 acres of internal open space. The beautiful resort-style development, which includes a clubhouse and a tennis and swim center, is surrounded by 800 acres of permanently protected open space.

The village of "Quail Hill" is located near the southern boundary of the City of Irvine, adjacent to the I-405 freeway, between Laguna Canyon Road and Shady Canyon Drive. The undulating, curvilinear terrain and immediate surroundings provide a dramatic and defined natural setting framing this new village, while its location across the 405 freeway from the Irvine Spectrum Center provides a unique balance of natural and man-made amenities.

Immediately adjacent to the village of Quail Hill is permanent open space that adjoins the open space areas of Bommer Canyon and the Laguna Coast Wilderness Park. The village of Quail Hill is a mixed-use residential community adjacent to a potential research and industrial park. The 15 distinctive neighborhoods provide homes ranging in size from 900 to over 4,500 square feet, and were designed to appeal to a multitude of different lifestyle options, from single adults, to growing families, to mature adults. The community accommodates 1,646 residential units, 871 apartments, a neighborhood elementary school, 5 parks, trails and a retail center.

- **Outstanding Government Civil Engineering Project**
This award recognizes the engineering efforts of government organizations in outstanding government projects. Because of the number of outstanding projects submitted this year, a winner and two honorable mentions have been selected.

Lopez Dam Seismic Remediation Project, County of San Luis Obispo Department of Public Works – This project is being recognized for its innovative use of stone columns, the first application in a California dam, and for overcoming complex construction challenges. The Dam is located on Arroyo Grande Creek approximately 8 miles upstream of the City of Arroyo. It provides water supply storage, flood protection, recreation and is an asset to the local economy. The project improved the structural capability of the dam to resist a catastrophic failure from liquefaction of the alluvial foundation during a seismic event. Innovative construction methods approved by the Division of Safety of Dams saved 25% of the cost for more traditional methods and minimized the site disturbance. Environmental concerns limited the disturbed area to within the limits of the existing facilities. The project included excavation of over 530,000 cubic yards of the existing earthen dam, installation of 2,600 stone columns comprised of 85,000 tons of crushed

granite, placement of 1 million cubic yards of buttress fill, spillway and outlet works, instrumentation, grouting of one abutment, and environmental enhancements. Environmental improvements were constructed and the new outlet works provides continuous metered water releases into the creek for environmental needs. The use of stone columns eliminated the need to excavate a substantial portion of the remaining 90 feet above bedrock and improved the foundation strength to resist the maximum credible earthquake.

I-405/SR-73 Interchange and Operational Improvements, California Department of Transportation and Orange County Transportation Authority (Honorable Mention) – This project is being recognized for its innovative design and cost savings features and for overcoming complex construction challenges. With the opening of the San Joaquin Hills Toll Road (SR-73), this north-end connection to I-405 became an important link in Orange County's freeway system. Adjacent to one of the nation's largest retail shopping centers (South Coast Plaza), this major interchange was also designed to minimize impacts to local and freeway traffic during construction.

This project physically separated Costa Mesa's Harbor Boulevard and Fairview Road ramp traffic from the congested northbound SR-73 and northbound I-405 freeway-to-freeway branch connector. The new interchange configuration created a collector/distributor (C/D) ramp east of the existing South Coast Drive off ramp and provided exit movement to all three interchanges: South Coast Drive, Fairview Road and Harbor Blvd. This C/D road and the braided northbound on-ramp from Fairview Road removed the congestion created by the weaving movement between the interchanges. The interchange was designed to minimize impacts to the adjacent South Coast Drive, Gisler Channel flood control plain and Fairview Road Bridge.

Unique elements of this project included innovative interchange design and cost saving solutions to minimize structural impacts to the Fairview Road Bridge. A Mechanically Stabilized Embankment wall was built in front of the Fairview Road overcrossing abutment to accommodate the ramp. The new Harbor Blvd. off-ramp alignment was built between the existing structure bent and abutment. Other innovative design solutions included a new connector off-ramp designed for the northbound SR-73 to Fairview Road and the widening of the I-405. The Segerstrom overhead was an existing reinforced concrete tunnel that ran underneath I-405 between Harbor and Fairview, which provide rail access for the industry/businesses south of the freeway. Due to the recent development to the southwest side of the I-405, this structure was no longer needed. As a result, the Segerstrom overhead needed to be abandoned in place to accommodate the freeway widening and new ramp alignment. In order to abandon the tunnel structure, Caltrans structure maintenance required complete backfill of the tunnel up to the ceiling. No void

was allowed in order for this concrete box to not be considered a structure crossing the freeway. After many alternatives were analyzed, the selected solution filled the tunnel with slurry by drilling holes on top of the structure from the freeway and sealing the entrance and exit with sheet pile retaining walls. Local settlement was also closely monitored to ensure that the additional weight of the backfill will not create operation and maintenance issue for the freeway above.

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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 – Region 9 – Year End Report 2005-2006

Prepared by Carl L. Blum, P.E., F.ASCE

Chair – Region 9 Board of Governors

As part of ASCE's recent Governance Restructuring, 9 Domestic Regions were created (Replacing 4 Zones and 15 Districts). Region 9, which is California, was formed on October 26, 2005. This is a brief report on progress that was made during this first year of organization and operations.

Region 9 is governed by a 7 member Board of Governor. During this first year it was made up of three existing National Directors (John Pulver, P.E., Karl Longley, P.E. and Carl Blum P.E. – the Chair for the first year), and 4 Governors representing the 4 Sections in California (Chuck Spinks, P.E. – San Diego, Mike Thornton, P.E. – Los Angeles, Jennifer Epp, P.E. – Sacramento, Larry Pulley P.E. – San Francisco).

We met on a monthly basis, with three of the meetings being face to face and the others being Conference Calls. We continued two efforts that were already in existence from the former CASCE (California Society of Civil Engineers). CASCE was basically a coordinating group comprised of 1 representative from each of California's four Sections.

The efforts continued were a Disaster Response preparedness team (i.e. ASCE members trained and ready to help during disasters here in California) and an annual ASCE Legislative Day at the State Capitol.

We significantly expanded a State level Awards Program, prepared a Report Card on the State's Infrastructure, set up committees to look into better ways to serve all 17,00 ASCE members in California and to explore the possibility of having a Region 9 Annual Conference.

We set up a Region 9 Website (www.region9.asce.org) , put together a Comprehensive Roster that will include all Region 9, Section ,Branch, YMF, and Student Chapter leaders, National Committee members who live in Region 9, and Institute leaders who live in Region 9.

We began what will be an ongoing liaison with the State Board of Registration, established a policy for helping fund State Historical Civil Engineering Monuments, and are working on guidelines to better coordination with National Conferences and Seminars that are held here in Region 9.

In our Legislative Day at the State Capitol in February we pushed for Infrastructure funding to address the deteriorating and inadequate infrastructure in our State. We recently studied and passed resolutions supporting the Infrastructure Funding measures on our State's November ballot.

The first elected Region 9 Governor (Mark Creveling, P.E. –San Diego Section) and the first "At-Large" Appointed Governor (Harvey Gobas, P.E.) were chosen. They will replace Chuck Spinks, P.E. and Carl Blum, P.E. on the Board of Governors. John Pulver, P.E. will take over as Chair for 2006-07 and Larry Pulley, P.E. will be the Vice Chair.

With the help of two members from the ASCE National Task Committee on Strategic Planning (Blaine Leonard, P.E. and Don Sepulveda, P.E.), our past National President (Bob Bein, P.E.) and two of our Section's incoming Presidents (John Morris, P.E. – Los Angeles, and David Schwegel, P.E.- Sacramento), we looked into the future and developed the highest priority issues on which we will focus in the next 5 years.

This "first year" Board of Governors has worked hard to help bridge the gap between ASCE National and the local Sections and Branches. With more of "the action" taking place "closer to home", all 17,000+ ASCE members in Region 9 should have a better sense of the great value that ASCE membership brings to the Civil Engineering profession and through their profession to their individual careers.

Los Angeles Section 2006 Awards

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Victoria Avenue Bridge Seismic Retrofit, City of Riverside (Honorable Mention) –

This project is being recognized for its innovative technical solutions to a complex structure, historic preservation, attention to detail, construction challenges overcome. The Victoria Avenue Bridge, within the heart of downtown Riverside, spans the Tequesquite Arroyo. A historical arch structure constructed in 1928, maintaining the unique aesthetic features and character of the bridge were major considerations for the design and construction team. Other challenges included accommodating approximately 350 pedestrians per day, mostly school children, by constructing a temporary pedestrian bridge just to the east of the existing structure. With homes as close as 50 feet away extensive coordination with local residents and "attention to detail" was employed to keep the community informed and satisfied with the project. Adding to the construction complexity, an environmentally sensitive area existed 10 feet west of the bridge; further, most demolition debris was hauled out on top of the bridge rather than being allowed to drop to the ground.

The retrofit included removal of the bridge deck and railing, spandrel arch walls, portions of spandrel columns and approaches. The arches were retrofitted by casting a reinforced concrete jacket around 30,000 dowels which were utilized to anchor the new jacket, reinforcing the footing by placing additional cast in drilled-hole concrete piles, and then replacing the structure elements above the arches.

• **Outstanding Civil Engineer in Community Service**

This award recognizes the efforts of civil engineers in community service. This year's recipient is **Julian A. Garcia, P.E., M. ASCE**. Mr. Garcia has performed countless hours of service in an effort to make a difference. He was one of the key organizers of the ASCE 2005 Community Service Day, part of the national conference in LA; over 100 volunteers gave the Tom Bradley Multipurpose Senior Center in Watts a fresh look and important improvements such as handicap ramps and auto door openers. Mr. Garcia raised over \$6,600 for hurricane Katrina relief by co-organizing a series of fun, fund raising events. For the Gabrielino High School Engineering, Math and Science Club, Mr. Garcia has provided many hours of service developing engineering activities and advice on science fair projects. Other service includes Tecate, Mexico Christmas Train volunteer, Shadow Day mentor, Food-on-Foot, and Clothes Drive Coordinator. In addition to all these volunteer activities, Mr. Garcia has found time to serve his profession organizing the annual popsicle stick bridge contest at local high schools and holding numerous Younger Member Forum Board and Committee positions. Thanks for your service!

• **Outstanding Life Member**

This award recognizes contributions to the Section's Life Member Forum (LMF), infrastructure of the community, and civil engineering. This year's recipient is **Mr. Garvin Pederson P.E., M. ASCE** a long time member and highly active supporter of the LMF. He is presently serving as the Forum's Secretary/Treasurer, Chairman of the Habitat for Humanity Subcommittee and works with the Disaster Services Committee. He enjoys the camaraderie of a great group of very active Life Members.

Mr. Pederson has been active in ASCE throughout his career serving on local and national committees. He was Chairman of the LA Section Pipeline Technical Group in 1985. He has served on such national committees such as: Urban Drainage Standards, Managed Aquifer Recharge Standards, and Lessons Learned from Failures. He also served on APWA/AGC Green Book Standards. Mr. Pederson is still active on several national ASCE committees. Through ASCE he was also selected to be an "Expert Examiner" for the California State Board of Registration for Professional Engineers, preparing and grading a portion of the license examination. In the year 2000 he was honored by the Los Angeles Section for his outstanding contributions in the fields of hydraulics and hydrology.

Mr. Pederson also remains active in volunteering in community affairs. He is Chief Financial Officer for his homeowners association and he managed contracts and oversaw street and drain reconstruction. For an adjacent slope association he volunteered to administer and inspect a rock bolting project, one of the largest at the time in Orange County. However, he does not let all this interfere with family activities or flyfishing.

Mr. Pederson has been a member of ASCE since his student chapter days at the University of Washington, where he graduated in Civil Engineering in 1953. During his time at the U. of W. he also worked part time for the U.S. Bureau of Reclamation laying out irrigation canals downstream of Grand Coulee Dam and designing portions of flight decks on aircraft carriers at the Puget Sound Naval Shipyard. After graduation and military service, the majority of his 40 year career was at the Los Angeles County, Flood Control District and Department of Public Works. Mr. Pederson's work focused on the water resources fields (hydraulics, hydrology, debris flows and computer applications). He was instrumental in setting up and developing the software known as "W.S.P.G. (Water Surface Pressure Gradient) used to calculate and plot water surface profiles in any type of water way or improved channel and pressure gradients for any type of closed conduit. This software is still widely used today.

During his career at Los Angeles County he directed project engineers on many storm drain, channels, pump stations, dam spillways and other projects. He was also in charge of developing and publishing manuals in hydraulic design, hydrology, computer analysis and other standards. He was the Asst. Division Engineer in the Hydraulic Division, and in the Hydraulic Water Conservation Division, and Head of Design Standards in the Design Division. He thoroughly enjoyed his years at the County working with very professional colleagues and made many life long friends.

- **Excellence in Journalism Award**

This award recognizes a reporter who enhances public understanding

- **Special Recognition**

The Los Angeles Section recognizes the long term contribution of two key members, **Mr. Irving Sherman, P.E., M. ASCE**, and **Mr. Carl Blum, P.E., F. ASCE**.

Mr. Blum is being recognized for his long term dedication to the Section and ASCE. He has served as a mentor and role model for many of the Section and Society members. Mr. Blum has most recently completed a three year term on the new Region 9 Board of Governors, representing ASCE in California. In this role he also served as a Society Director on the ASCE National Board. Transition was his hallmark. Mr. Blum oversaw the transition to Region 9 from what had been the CA Society of Civil Engineers. While Section President, Mr. Blum was instrumental in implementing a new organization that included the Los Angeles Metropolitan Branch. He has left a lasting legacy of stability and motivated engineers eager to try "filling his shoes". A 1964 graduate of Marquette University, Mr. Blum is a registered Professional Engineer in California. He began his career with the Los Angeles County Flood Control District in 1964. He served for 36 years with the County, retiring in 2000 as a Deputy Director for the Los Angeles County Department of Public Works. He was the Los Angeles Section's President in 2001-2002. He has served on numerous National committees over the past 18 years and was on the Steering Committee for ASCE's 2005 Annual Conference which was held in Los Angeles. A leader in Southern California watershed management issues, Mr. Blum also is the Chair of his city's Planning Commission. Carl has been married for 37 years, has 4 children and 3 grandchildren.

Mr. Sherman is being recognized for over two decades of dedicated leadership and

service to the Section and ASCE. He served as Section President in 1988 after serving as Secretary and then Vice President. He served as Chairman of the Section's History and Heritage Committee from the mid 80s until 2005 and was responsible for numerous applications for historical landmark status and placement of markers on these sites. Historical sites include Los Angeles City Hall and the Pasadena Freeway (SR110). Mr. Sherman remains an active member of the History and Heritage Committee working to install additional historical monuments. Mr. Sherman is past recipient of the Section's President's Award (1985), the Section's Outstanding Service Recognition Award (1996), ASCE's Civil Engineering History and Heritage Award (1998), and the Institute for the Advancement of Engineering's Outstanding Engineer Merit Award (1993). Mr. Sherman was registered as a Civil Engineer in California in 1955. His professional career began with the U.S. Soil Conservation Service in 1941 and included experience with the Geological Survey, the Forest Service and the Corps of Engineers. He served in the US Army Air Forces during World War II. Mr. Sherman served from 1953 to 1980 with the Los Angeles County Flood Control District; he retired as Division Engineer in charge of the Water Conservation Division.

PRESIDENT'S MESSAGE continued

VALUE ADDED

Whether you work for a private consulting firm or a public agency, participation in ASCE technical groups offers outstanding opportunities for personal and professional development. Here are just a few of the benefits:

Information Exchanges – One of the best ways to find out what's going on in your profession is to learn directly from your peers in other companies and agencies working on efforts similar to your own interests.

Professional Development – Many of the branches in the Los Angeles Section offer "up close" examinations of regional civil engineering projects. Seeing the people, projects and profiles in the civil engineering profession is an invaluable tool for any professional engineer and no one is better positioned to do this than ASCE.

Mentoring – Giving your time and insight to a younger member of the profession can be a rewarding way to give back to your profession and become involved in ASCE. The Los Angeles Section has one of the highest concentrations of civil engineering universities and colleges in the World within its boundaries.

ASCE WANTS YOU!

As the Los Angeles Section President, one of my top priorities is to strengthen and enhance the standing of Section and branches through its technical groups and committee structure. If you currently serve on any of the numerous National, Section or branch technical groups or committee, I'd like to commend you for your service to our Society. If you currently don't serve on a committee, I'd like to personally challenge you to become active in one or more of these voluntary groups. It might be advantageous to think of your participating in ASCE as service to your profession. I would also like to challenge each of the Branches to startup at least one technical group of their choosing to better serve their members. Each of you can also help in this effort.

Please contact your branch leadership, the Section Office or me to find out how to get involved. John T. Morris, P.E., Los Angeles Section President morriswater@earthlink.net

Calendar of Events

2007 Conferences

2007 Ports™ “30 Years of Sharing Ideas...1977-2007”: Join us March 25-28, 2007 in San Diego. This will be the eleventh in a series of international port and harbor development specialty conferences held on a tri-annual basis. The conference will feature technical short courses, plenary session, concurrent technical sessions, exhibition and technical field tours to sites of interest in San Diego Harbor. For additional information visit us at: <http://www.portsconference.org>

Coastal Sediments 07: Registration and Preliminary Program coming soon! Be sure to join us in New Orleans, May 13-17, 2007 for an international exchange of information among coastal engineers, geologists, marine scientists, shallow water oceanographers and others interested in the physical processes of coastal sediments transport and morphology change. For additional information visit us at: <http://www.asce.org/conferences/cs07>

Calls for Expressions of Interest in Building Envelope Issues

The Architectural Engineering Institute of ASCE (AEI) is exploring the level of interest in building envelope issues among the general ASCE membership. In locations where a significant level of interest exists, AEI is considering starting local Architectural Engineering groups in cooperation with the ASCE Sections and Branches. AEI would appreciate it very much if Section and Branch Presidents could find out the level of interest in such topics among their members. If a reasonable level of interest exists, please contact Amar Chaker, Director of AEI at achaker@asce.org.

Continuing Education Webinars (Call 1-800-548-ASCE or go to www.asce.org for more details)

- Wed., Nov. 1 ~ 12 Noon - 1:00pm Eastern Time
Two Key Tools for Leading: The Power of Feedback and Recognition
- Thur., Nov. 2 ~ 12 Noon - 1:00pm Eastern Time
Road Crossing Structure Improvements to Accommodate Wildlife Passage
- Tues. Nov. 7 ~ 12 Noon - 1:00pm Eastern Time
Data Base Design New Webinar
- Wed., Nov. 8 ~ 12 Noon - 1:30pm Eastern Time
Deterioration and Repair of Concrete New Webinar
- Thur., Nov. 9 ~ 12 Noon - 1:00pm Eastern Time
Planning for Transportation Emergencies - Part II New Webinar
- Tues., Nov. 14 ~ 12 Noon - 1:30pm Eastern Time
Designing Bicycle Facilities New Webinar
- Thur., Nov. 16 ~ 12 Noon - 1:00pm Eastern Time
The Engineers' Survival Kit - Tips for Moving Ahead and Keeping Your Head while Practicing the “Art” of Engineering
- Tues., Nov. 21 ~ 12 Noon - 1:00pm Eastern Time
Renovation of Steel-Framed Buildings
- Tues., Nov. 28 ~ 12 Noon - 1:30pm Eastern Time
Improving Pedestrian Crossing Safety at Uncontrolled Locations New Webinar
- Wed. Nov. 29 ~ 12 Noon - 1:30pm Eastern Time
Dealing with Difficult Behavior and Situations New Webinar
- Thur. Nov. 30 ~ 12 Noon - 1:00pm Eastern Time
Seismic Design and Analysis of Embankment Dams — The State of Practice New Webinar
- Tues., Dec. 5 ~ 12 Noon - 1:00pm Eastern Time
Renovation of Building Façade

- Wed., Dec. 6 ~ 12 Noon - 1:00pm Eastern Time
Leadership: Developing the Leader In You and Others, Part I
- Thur., Dec. 7 ~ 12 Noon - 1:00pm Eastern Time
Traffic Incident Management New Webinar
- Tues., Dec. 12 ~ 12 Noon - 1:30pm Eastern Time
An Introduction to Roadside Delineation and Safety Systems
- Wed., Dec. 13 ~ 12 Noon - 1:00pm Eastern Time
Leadership: Developing the Leader In You and Others, Part II
- Thur. Dec. 14 ~ 12 Noon - 1:00pm Eastern Time
Knowing My Style: Improving Productivity and Style Through Self-Knowledge
- Tues., Dec. 19 ~ 12 Noon - 1:00pm Eastern Time
Renovation of Pre-Engineered Buildings
- Wed., Dec. 20 ~ 12 Noon - 1:00pm Eastern Time
Project Work Plans: Why and How?

Mark Your Calendar!

2006

Nov. 1:

Submission deadline for the Outstanding Section and Branch Newsletter Award. Nomination deadline for Arid Lands, Bartholomew, Bechtel awards, Bickel, Biot, Can-Am, Cermak, Chow, History & Heritage, Computing in Civil Engineering, Norman/Croes, Duke, Einstein, Freese, Freudenthal, Greeley, Hardesty, Hering, Hilgard, Hinds, Hoffman, Horner, Howard, Hydraulic Structures, Innovation in Civil Engineering, International Coastal, Laurie, T. Y. Lin, Masters, Middlebrooks, Moffatt-Nichol, Moisseiff, Newmark, Peurifoy, Reese, Rickey, Roebing, Rouse, Rowland, Scanlan, Smith, State-of-the-Art, Stevens, Surveying & Mapping, Wisely

Nov. 3:

SPAG applications due

Nov. 30:

Section Annual Reports are due at ASCE World Headquarters
Region Annual Reports are due at ASCE World Headquarters

2007

Jan. 1:

Membership Renewal Deadline

Jan. 12-14:

Regions 4 & 5 Leadership Conference-Nashville, Tenn.

Jan. 26-27:

Regions 1 & 2 Leadership Conference-Princeton, N.J.

Feb. 1:

Nominations for National ASCE Edmund Friedman Young Engineer Award for Professional Achievement and the Daniel Mead Prize for Younger Members are due.

Nominations for Government Civil Engineer Award and Young Government Civil Engineer Award are due at ASCE World Headquarters.

Nominations for Younger Member Group Award are due at ASCE World Headquarters

Regions 3, 6, & 7 Leadership Conference-Milwaukee.

Feb. 23-25:

Regions 8 & 9 Leadership Conference-Seattle.

May 4:

Response due at Headquarters for national collection of Section dues.

June 1:

Deadline for submission for the Outstanding Section and Branch Web Award Competition

Aug. 4:

Submission deadline for the State Public Affairs Grant Activity Report to ASCE Washington Office.

Aug. 15:

Nomination deadline for Casagrande, Construction Management, Kapp, Middlebrooks, Peck, Seed and Terzaghi Awards



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MEETING NOTICE

Wednesday, November 15, 2006

PERFORMANCE-BASED COMPACTION SPECIFICATIONS FOR STRUCTURAL FILLS

Iraj Noorany, Ph.D., G.E.

Principal, Noorany Geotechnical Consulting, Inc.
Professor Emeritus, San Diego State University.
Visiting Professor, UC San Diego

ABSTRACT

The typical compaction specifications currently used for structural fills and fill slopes may be simple, but they do not necessarily produce fills and slopes that perform satisfactorily over time. In this talk, the key geotechnical factors and environmental parameters influencing performance of structural fills will be discussed, and a step-by-step procedure for selecting *site-specific* and *project-specific* compaction criteria will be presented. Additional benefits of this method in providing data for estimating heave, settlement, and lateral deformation for structural fills and fill slopes will also be discussed.

SOCIAL HOUR: 5:30 p.m.
DINNER: 6:30 p.m.
PROGRAM: 7:30 p.m.
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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
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THIS NEWSLETTER IS PRINTED ON RECYCLED PAPER.

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

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