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Reminder:

Copy deadline for the Sept. 2009 issue is Aug. 1, 2009; copy deadline for Oct. 2009 issue is Sept. 1, 2009.



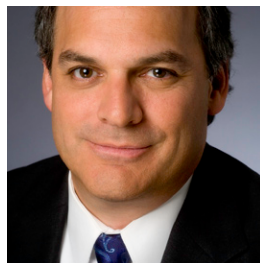
Los Angeles Section

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., F.ASCE
Section President



Ethics: Professional, Personal or Both

We are all faced with ethical issues daily that can range from the trivial to something that keeps us up at night. While many of these issues seem cut and dry to us, there are several that may not seem as a question of "professional ethic" but more of a "personal ethic". One could argue that there is not a clear line between the two and that what we do personally affects what we do professionally. Our true character comes out in both areas of our lives.

Recently, I was watching something on television and a commercial for a family restaurant aired. The commercial was advertising lower prices and a discount on family meals that made the bill seem low. The commercial involved the diners reviewing the check after the meal while trying to split up the costs. They remarked that there "must be a mistake on the bill" since the cost was so low. After a few seconds of these remarks, the server approached the table and they all became quiet. The message is that they felt there was an error yet did not feel the need to bring it to the server's attention. I was bothered by the overall message sent by those actions. In fact, I was so bothered by it that I had to write about it.

A huge part of this issue is that this commercial sent a message that it is okay to hide an error in your favor. Most of us have probably experienced this. We have gone to the market and ended up with something that we did not pay for in our bag. How many times have we felt the need to go back to the store to return that item after we have unpacked the groceries on our kitchen counter? Have we felt too bothered or busy to make that trip back to the store? On the flip side, how many times have we found that we paid for something that did not get into our bag and we made that trip back? Why is there a difference between these two that makes it more convenient to take the trip back when it is in our favor and not when it is in the favor of the store? This is a question of your personal ethic. We all have a threshold where we feel it necessary to take action. I would argue that when it is regarding an ethical matter such as this, there is no threshold. We are obligated to do the right thing.

I am concerned about the message of that commercial. Why does the advertising agency think that skipping out on part of the bill is acceptable behavior? Why does the restaurant chain think that is an acceptable message? I believe these messages are very important. Those of us with kids try to raise them to do the right thing. They learn from our actions in all of our day to day activities.

How we behave when we are in these situations is a direct reflection of our ethics when we are out with co-workers, clients, or other professionals with whom we work. I know of a very senior director of engineering and construction who has retired. When he was out with people that he worked with, or had the potential for working for him, he would not accept so much as a cup of coffee. Those that know this person hold him at the highest ethical level and have nothing but the best to say about him. There is no question about his ethics. This person lived as he talked.

My Thoughts

We once more take a hiatus after this current issue. With summer on hand, we take a much needed rest.

This issue of your newsletter focuses on a number of very important topics. Our Section President, Don Sepulveda, P.E., talks about ethics and the importance of "walking the talk". He mentions a couple of examples in his article and challenges us to observe ethical behavior at all times, especially when no one is looking.

We also honor in this issue the life of Dr. James Foxworthy, P.E. I had the privilege of being educated and mentored by him in graduate school. What do I remember most? What else but his practical examples, his jokes, and most especially those quizzes at the beginning of each class. Not only do those quizzes force you to come early, but they keep you on your toes because you are always thinking about the preceding class to prepare for the upcoming one. Dr. Foxworthy is a class of his own. He will be significantly missed. I will significantly miss him.

Three additional articles are also included in this issue. One is on the partnership of three prominent civil engineering organizations to collaborate on dealing with issues of climate change. Climate change is specifically dear to my heart, as I deal with this issue on a daily basis at my place of employment (the Los Angeles County Metropolitan Transportation Authority). The collaboration of the three largest engineering organizations in North America will allow the accelerated development of new ideas combating the issues of climate change.

We again highlight Insights, a monthly ASCE podcast, this time featuring fellow Bruin Benedict R. Schwegler, Jr., Ph.D., M.ASCE [no offense to all Trojans out there]. He inspires unlimited creativity through his achievements and work. Check out his talk on-line.

Finally, we end with a note regarding the high achievers in our section. Region 9 is now seeking nominations for the various award categories in the California Region. It is time to honor those who need to be. Best if you are able to do soon.

Enjoy this issue of your newsletter.

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

PRESIDENT'S MESSAGE *continued*

The question of ethics is something that each of us have to work with each day. We are responsible for developing honest cost estimates and budgets. We are also responsible for developing accurate billing statements and accurate accounting for our time. As with all ethical issues, there is a comparison between what happened in that commercial and how we work as an industry. Each of us has an internal ethical value that we have developed over the years based on the influence of our families, teachers, and other life experiences. As engineers, this ethic is shown in our work and professional relationships. Those who work with you, especially those whom you supervise, see how you react to circumstances and learn from those reactions. Remember so when you are at the restaurant with your co-workers or your family and the bill appears to be too low.

ASCE Region 9 Awards Program Overview

by Jennifer Epp, P.E. ASCE Region 9 Governor



In early 2010, ASCE Region 9 will host our annual awards dinner for 2009. Over the previous three years, the awards program has grown significantly to include a number of distinguished honors for Civil Engineering projects and people.

To be eligible for submission, projects must have received an award from one of the four ASCE Sections in Region 9 (California) during 2009. Currently, because not all Sections give awards to individuals, nominations for individual categories are not limited to those individuals who have received an award from an ASCE Section. The schedule for the Region 9 awards applications occurs once all four Sections have selected their recipients. Two of the ASCE Region 9 Sections give awards early in the year, and two give awards in late summer/early fall. Once the call for nominations goes out later this year, please consider nominating a deserved colleague for these prestigious Region 9 awards!

In February of this year, the 2008 awards were presented at the Awards Dinner in Sacramento. ASCE President Elect Blaine Leonard was on hand to honor the project of the year award, specialty projects awards and the awards for individuals. For photos of the event, visit region9.asce.org/awards.html.

2008 ASCE Region 9 Project Award Recipients:

- Project of the Year - 40 Million Gallon Twin Oaks Reservoir No. 2 Vallecitos Water District, Infrastructure Engineering Corporation
- Geotechnical Project of the Year - Del Mar Bluffs Stabilization Project 2 North County Transit District, Simon Wong Engineering
- History and Heritage Project of the Year - Tower Bridge Pedestrian/Bicycle Improvements City of Sacramento-Dept. of Transportation, Parsons Brinckerhoff
- Structural Engineering Project of the Year - Millennium Tower - 301 Mission Street Millennium Partners, DeSimone Consulting Engineers
- Architectural Engineering Project of the Year - LAC+USC Medical Center Replacement Project County of Los Angeles, KPFF Consulting Engineers
- Bridge Project of the Year - Illinois Street Intermodal Bridge Port of San Francisco, Creegan + D'Angelo
- Sustainable Technology Project of the Year - SOLARA Community HousingWorks, Nasland Engineering
- Flood Control Project of the Year - Bear River Setback Levee Project Three Rivers Levee Improvement Authority, GEI Consultants, Inc.
- Water Supply Project of the Year - Coachella Canal Lining Project U.S. Department of the Interior, Bureau of Reclamation, MWH in association with GEI Consultants, Inc.

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San Bernardino & Riverside County Branch Mentorship

The San Bernardino & Riverside County Branch Mentorship Committee along with National ASCE, the ASCE Committee on Career Development and MetroLA-Branch are spearheading an ad-hoc organizing committee to plan for the LA-Section's training workshop including all 7 Branches in Fall 2009. The goals of this mentoring program are to:

- Provide an opportunity for our members to enter into mentoring relationships that will facilitate the growth of young engineers and the profession by means that may not be available through typical work relationships or training.
- Host an Annual Dinner and other mentoring related activities. These events will bring together all of the mentor and protégé pairs to celebrate the Mentoring Program.
- Utilize an online Mentor Database. This database would be separate from the Mentoring Relationships and would serve as additional means for younger engineers to locate experienced engineers who are willing to answer questions related to engineering. The database would appeal to those who have questions about a particular field of engineering but aren't seeking a long-term mentoring relationship.

There are numerous benefits for being a Mentor/Protégé. Mentors can influence the leaders of tomorrow to ensure the future success of our profession and they can learn about some of the challenges younger engineers face today. Protégés can learn what it takes to become a leader through experiences and wisdom of their mentor.

Participation is key. We request that you commit to working with your mentor/protégé for at least 6 months, and encourage a 12 month mentoring relationship. It is recommended that mentor/protégé pairs have contact (e-mail or call) at least once every two weeks and meet in person (or have a longer phone conversation) once a month.

ASCE will be holding a training workshop in Fall 2009 to give you the tools and tips on how to gain the most out of the mentoring relationships. Examples of topics to be discussed include:

- Meet your mentor/protégé in person
- Discuss the purpose of the program
- Mentoring: What It Is and Isn't
- Mentoring Benefits: Case Study and Testimonials
- Do's and Don'ts ("Ground Rules")

Sign up to participate in this very worthy program with long lasting impact. Go to http://www.asce-sbriv.org/Mentorship_Committee/ or P.O. Box 124, Riverside, California 92502 for more information.

Civil Engineering's Role in Reducing Risk of Climate Change*

As leaders of the civil engineering profession gathered in St. John's, Newfoundland and Labrador to discuss the challenges and risks faced by coastal communities worldwide at the 2009 Triennial Conference, the American Society of Civil Engineers (ASCE), the Canadian Society for Civil Engineering (CSCE) and the Institute of Civil Engineers (ICE) jointly signed an agreement on Civil Engineering and Climate Change. Based on the belief that "substantial reductions in greenhouse gas emissions are required to reduce the risk of climate change" and that "the effects of climate change include reduced access to drinking water supplies, increased exposure to flooding and the threat to flood security in large parts of Africa, Asia and Latin America," the agreement outlines civil engineers' role in the solution, as well as key engineering and public policy priorities.

"Climate change is posing serious risks to the infrastructure systems that support our global economy, and more importantly, the ability of communities worldwide to prosper and thrive," said ASCE President D. Wayne Klotz, P.E., D.WRE, F.ASCE. "As civil engineers, it is our duty to assure the performance of those critical systems, and reducing greenhouse gas emissions and complying with the principles of sustainable development must play a major role in our efforts to mitigate the risks we face."

"Developing technologies to mitigate the impacts of climate change is a challenge for all engineers," said CSCE President Gordon Jin, P.Eng., F.CSCE. "This agreement sends a clear signal to our respective policy makers that civil engineers are at the forefront of this crucial issue, and highlights the need for public policy priorities to address this for the good of our planet and its inhabitants."

ICE Director General Tom Foulkes said: "This agreement signifies a more strategic approach to combating the impacts of climate change. Infrastructure is the backbone of society and civil engineers have a vital role to play in boosting its resilience in the face of today's increased environmental risks. We also need to encourage the continued development of innovative, low carbon engineering solutions in the future."

Civil engineers are central to the success of the infrastructure networks that support our society and global economy. To address the foreseeable climate change impacts on and need for resilience in those networks, design, construction and operation must be changed. To address this crucial issue, the engineering priorities outlined in the agreement focus on two areas, mitigation and adaptation.

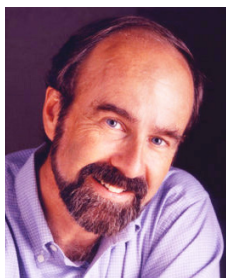
Addressing mitigation, the agreement includes a call for leadership from the profession in developing new technologies and materials, as well as a call to incorporate incentives for development and implementation of low or zero-greenhouse gas emitting technologies and cost-effective carbon capture and storage. Addressing adaptation, the agreement also notes that civil engineers must develop and implement tools and policies for risk assessment and modification of existing and new infrastructure systems. To support the implementation of these strategies, the agreement includes commitments to "assist all governments through the development of a low-carbon infrastructure road map setting out key steps up to 2050," and to "develop guidance documents on engineering vulnerability assessment of civil infrastructure and best engineering practice for adaptation to address those vulnerabilities."

*Adapted article from www.asce.org.

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Find out the latest Section & Branch News @
www.ascelasection.org

Another *Insights* Episode



Who better to offer his thoughts on how the civil engineering profession can best promote innovation than a member of ASCE's Industry Leaders Council whose job demands creative solutions for Disney? Benedict R. Schwegler, Jr., Ph.D., M.ASCE, Vice-President and Chief Scientist of Walt Disney Imagineering Research & Development (WDIRD), sits down for

the latest edition of ASCE's podcast series, *Insights*. Hear the creator and manager of the Disney division's Simulation-Based Design Group offer his perspective on the biggest opportunities for the profession, traits that make civil engineers stand out and succeed, and his greatest accomplishments.

The overall goal of Ben's Simulation-Based Design Group is to improve Disney's ability to simulate, predict, and manage the project delivery process to enable sustainable design and engineering of the built environment. His team develops new software tools like 4D Simulation as well as formal information models to enable integration of design, construction, and operational data for all capital facility projects of The Walt Disney Company (especially theme parks and resorts). In addition to the Simulation-Based Design project, Ben's group has developed Integrated Infrastructure models, resulting in the most energy efficient theme park and resort design ever built; novel water treatment technologies enabling the first closed-loop control of wastewater treatment plants, and next generation fireworks.

Ben was the recipient of the 2002 Henry R. Michel Award from the American Society of Civil Engineers (ASCE) and was awarded the Orange County (California) Engineering Council's Outstanding Project Management Award for 2001. Ben is on the Board of Directors of the Precourt Institute for Energy Efficiency at Stanford University and a member of the Jet Propulsion Laboratory's Technical Divisions Advisory Board. He is also a Consulting Professor of Civil and Environmental Engineering at Stanford University, where his current research focuses on the adaptation of the built environment to climate change. He has been involved in nearly all of Walt Disney Imagineering's construction projects over the past 20 years. Ben's doctorate is from University of California, Los Angeles. He stays healthy racing high-performance small sailboats and road bikes.

In this episode, Ben talks about ways in which the civil engineering profession can best promote innovation and the challenges that must be overcome. He also discusses the biggest opportunities for the profession, traits that make civil engineers stand out and succeed, as well as his greatest accomplishments. Go to www.asce.org to listen or download Ben's insights.

Insights is a monthly podcast series with noted civil engineering industry leaders discussing their perspectives and insights into the successful practice of civil engineering. Featuring honest, straightforward viewpoints, based on unique experiences and interests, these discussions tackle a wide range of compelling issues. The series is sponsored by the ASCE Industry Leaders Council.

ASCE Region 9 Awards Program Overview

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- Land Development Project of the Year - Del Sur Community at Black Mountain Ranch Black Mountain Ranch LLC, Rick Engineering Company
- Transportation Project of the Year - Cajon Pass Triple Track Project BNSF Railway, URS Corporation
- Riverfront Urban Transformation Project of the Year - Centennial Plaza City of Oroville, Green Valley Consulting Engineers
- Transit Oriented Development Project of the Year - Park to Bay Link Phase II / Smart Corner Centre City Development Corporation & SANDAG, Nasland Engineering
- Environmental Project of the Year & Small Project of the Year - Cedar Creek Salmonid Barrier Removal Project California State Parks, Winzler & Kelly
- Recycled Water Project of the Year - Groundwater Replenishment System Orange County Water District & Orange County Sanitation District, Camp Dresser and McKee

2008 ASCE Region 9 Individual Award Recipients:

- Outstanding Civil Engineer in the Private Sector - Katherine Hon
- Outstanding Civil Engineer in the Public Sector - Larry Smith & Timothy Shell
- Excellence in Journalism Award - Steve Hymon
- Outstanding Civil Engineer in Community Service - Jennifer Wheelis
- Outstanding Civil Engineering Student - Colin Haynes & Joshua Wagner
- Lifetime Achievement Award - Howard H. Chang
- Outstanding ASCE Life Member - Pat O'Halloran
- Outstanding Civil Engineering Faculty Advisor - Gregg Fiegel
- Outstanding ASCE Practitioner Advisor - Thomas Poyer
- Outstanding Younger Civil Engineer - Fareed Pittalwala
- Outstanding ASCE Section Officer - Martin Farber
- Outstanding ASCE Branch Officer - Karen Sepulveda
- Outstanding ASCE Younger Member Officer - Kevin Gilton & Angela Juran
- Outstanding Engineer in Legislative Activities - Mike Mohajer

2009 ASCE Region 9 Awards Committee:

- Jennifer Epp (Central Coast Water Board)
- Philip R. Kern (Bureau Veritas North America)
- Dean J. Gipson (PBS&J)
- Don Sepulveda (HNTB Corporation)
- Sonia Nasser (Bryan A. Stirrat & Associates)
- Thor Larsen (Department of Transportation El Dorado County)
- Greg P. Zeiss (HDR Construction Control Corporation)
- Dennis Metaxas
- Doug Taylor (California Department of Forestry and Fire Protection)

The ASCE Region 9 awards committee looks forward to another great year. Thank you for all you do to further the Civil Engineering profession!

They Are the Champions, Concrete Canoe Champions, That Is*

Neither rain, nor more rain, nor even more rain could dampen the spirits of these competitors. Despite the clouds, thunder and occasional lightning, the event being held today at Tuscaloosa's Lake Nicol looked like an ordinary canoe race. The canoes these competitors were racing were far from ordinary though; in fact, the competitors themselves were anything but typical. They were civil engineering students from across the United States and Canada, and the canoes they were racing are made of concrete.

With equal parts technical skill, creativity and determination, the University of California, Berkeley captured the 'America's Cup of Civil Engineering' today at the American Society of Civil Engineers' (ASCE) 22nd Annual National Concrete Canoe Competition (June 11-13, 2009), marking the end of three days of fierce competition and more than a year's worth of blood, sweat and tears for the team. Their fifth title in the competition's 22-year history and their first championship since 1992, Berkeley's 230-pound, 20-foot-long canoe, the Bear Area, defeated entries from 21 other top engineering schools from across the country. Berkeley's canoe featured multi-colored murals on a white background and their theme was the "San Francisco Bay Area".

"Over the past three days, these outstanding civil engineering students have shown that technical skills combined with an innate sense of creativity can turn a seemingly impossible task into a reality," said ASCE president D. Wayne Klotz, P.E., D.WRE, F.ASCE. "With the innovative thinking we saw during the competition in Alabama, I can't wait to see what's to come from these students in the future as they begin their professional careers."

Berkeley's closest competitors were École de technologie supérieure (ETS) from Montreal, Canada and the California Polytechnic State University, San Luis Obispo. ETS paddled into second place with the 190-pound, 20-foot-long Vintage, and Cal Poly, San Luis Obispo finished a close third with the 246-pound, 20-foot-long canoe, also called the Vintage. The theme for the ETS canoe was "Hockey", and the theme for the Cal Poly, San Luis Obispo canoe was "Wine Country". For their top finishes, the University of California, Berkeley, École de technologie supérieure and California Polytechnic State University, San Luis Obispo earned \$5,000, \$2,500 and \$1,500 in scholarship money, respectively.

The 2009 ASCE National Concrete Canoe Competition teams in order of final rank are:

1. University of California, Berkeley
2. École de technologie supérieure
3. California Polytechnic State University, San Luis Obispo
4. University of Florida
5. University of Nevada, Reno
6. New Mexico State University
7. Université Laval

8. California State Polytechnic University, Pomona
9. University of Alabama in Huntsville
10. University of Cincinnati
11. University of Wisconsin - Platteville
12. Clemson University
13. Ohio Northern University
14. Polytechnic Institute of New York University
15. University of Evansville
16. University of Washington
17. Fairmont State University
18. Southern Illinois University - Edwardsville
19. University of Texas at Tyler
20. University of Pittsburgh at Johnstown
21. University of Memphis
22. University at Buffalo, The State University of New York

The races, both endurance and sprint combined, counted for only 25 percent of the teams' overall score. The remaining 75 percent was based on a technical design paper that highlighted the planning, development, testing and construction of the team's canoe; a formal oral presentation, in which the team had to detail their canoe's design, construction, racing ability and other innovative features, as well as defend their choices to the judges during a question and answer session; and the end product—the final racing canoe and project display, which were scored on aesthetics and visual presentation.

Special awards were also given to two teams. California Polytechnic State University, San Luis Obispo received the R. John Craig Memorial Award—given to the school that best exemplifies the spirit and cooperative ideals of the competition by placing first in the co-ed sprint race; and ETS was honored with the Tony P. Chrest Innovation Award—given in recognition of a team's superior and creative use of technology and materials in the construction of their canoe. The University of Texas at Tyler received the Spirit of the Competition Award.

The three-day event, organized by the American Society of Civil Engineers and hosted by the University of Alabama, was made possible by the support of the American Concrete Institute; Baker Concrete Construction; World of Concrete; and Holcim (US) Inc.

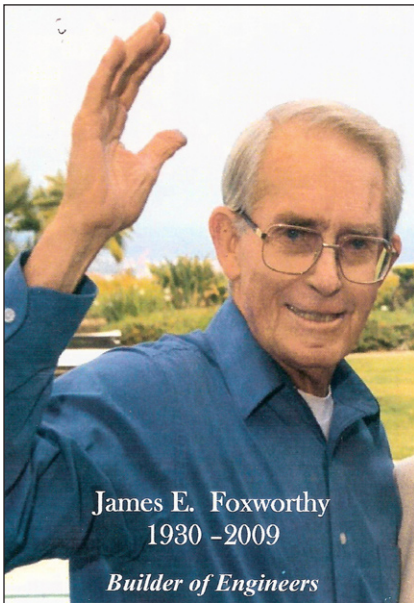
For more information on the National Concrete Canoe Competition, including downloadable high-resolution photos, please visit <http://www.concretecanoe.asce.org>.

*Adapted article from www.asce.org.

ASCE's 2009 Member-Get-A-Member Drive Depends on You!

Professor James E. Foxworthy, Ph.D., P.E., BCEE

by Joseph C. Reichenberger, P.E.



James Foxworthy, an emeritus professor of civil engineering and former dean of what is now Loyola Marymount University's Frank R. Seaver College of Science and Engineering, passed away on April 5, due to complications from Parkinson's disease. He was 79.

Jim was awarded the Academy's Edward J. Cleary award in 2005. He was an outstanding teacher – the “teacher’s” teacher. He inspired students to do their best; he focused on building engineers. His legacy is seen in the impact of graduates who learned under him have had in California.

Jim was born February 23, 1930 in Los Angeles, graduated from Redondo Union High School in Redondo Beach, CA and on to El Camino college in pre-engineering. To gain some practical experience, he enlisted in a reserve combat engineer battalion in Torrance only to find his unit shipped off to Korea building bridges and operating water treatment plants. That's what interested Jim in sanitary engineering – now environmental engineering. After the war, he pursued his engineering education under the G.I. Bill graduating from El Camino College and earning a bachelors (1955), masters (1958) and doctorate (1965) from USC.

With masters and a P.E. in hand, Jim started teaching in 1958 at Loyola University as it was called then, at the same time working on this Ph.D. His doctoral thesis focused on the fate of coliform organisms in wastewater discharges from ocean outfalls. He was the first chair of the Civil Engineering Department and revamped the entire Civil Engineering curriculum. He subsequently served as dean of the College of Science and Engineering from 1968 until 1980. In 1968, Jim started the part-time evening masters

degree program at Loyola – a program which continues today as a tribute to Jim. He became the university's first executive vice president, serving in that position from 1980 to 1984. In 1983, all male, Loyola University merged with Marymount College to become Loyola Marymount University. He returned to teaching and retired in May 2004.

He spent a lot of his “non-academic time” consulting to the County Sanitation Districts of Los Angeles County and other agencies. Hydraulics, aquatic chemistry and microbiology were his favorite subjects. He personally designed the fluids/hydraulics laboratory used by the students today.

Jim was a great teacher and mentor to thousands of engineering students at LMU. He was your counselor, but not your father; he was your friend, but not your buddy; he was funny, but never at a student's expense. When Loyola Marymount University civil engineering is mentioned, Jim Foxworthy is the first name that comes to anyone's mind. Many of Jim's students have gone on to distinguished careers; many are Diplomates in the Academy.

“I first met Jim Foxworthy as a confused freshman farm boy from Fresno. “The Fox” proved not only to be a great teacher, but also a great listener. He could speak volumes by just puffing on his beloved pipe. He'd sit back in this chair, hands behind his head and say ‘now, my son...’ and some pearls of wisdom would clarify my dilemma.” – Jim Stahl, former Chief Engineer and General Manager, Sanitation Districts of Los Angeles County and Cleary award winner 2001.

“Jim Foxworthy was so knowledgeable about his subject that he could present theory and, more important, its practical applications.” – Dennis Diemer, General Manager East Bay Municipal Utility District.

“Dr. Foxworthy was an outstanding teacher and an excellent mentor. His courses in fluid mechanics and water and wastewater treatment first aroused my interest in environmental engineering; and it was his guidance and encouragement that led me to apply to graduate school. Thanks to the excellent education I received under his tutelage and others at LMU, I was able to go on to earn advanced degrees, and to enjoy a long and very rewarding career, in the field of environmental engineering.” – Dr. Stephen Randtke, Professor of Environmental Engineering and Science, University of Kansas.

“I will always be grateful that I had Professor Foxworthy because I love this field of environmental engineering. He was a great mentor.” – Dr. Tim Haug, Deputy City Engineer, Wastewater Program, City of Los Angeles, Department of Public Works, Bureau of Engineering.

Services were held in the Sacred Heart Chapel on the Loyola Marymount University campus on April 14, 2009. Those present included many past students who have gone on to very successful careers in civil and environmental engineering and science.

Jim is survived by his wife, Peggy, whom he married in 1950, and four children; Michael, Mary Ellen, John and Tim. He was predeceased by three children; Paula, Brian and Steven.

Note: much of the historical information was provided by Joe Haworth, P.E. Public Information Officer Retired, County Sanitation Districts of Los Angeles County in an article “James E. Foxworthy, Ph.D., P.E., DEE, Builder of Engineers,” Environmental Engineer, Vol 36, No. 4, Oct, 2000. Dr. Haug quote from City of Los Angeles “Engineering Newsletter” 7/30/2008 excerpted from an article in San Gabriel News, April 30, 2008.



The Los Angeles Section

Cordially Invites You to



Autry National Center of the American West

4700 Western Heritage Way, Los Angeles CA 90027

(Across from the L.A. Zoo)

Annual Meeting, Installation of Officers & Awards Dinner

Saturday, September 26, 2009 at 5:30 PM

A special exhibit on the Granite Frontiers

a Century of Yosemite Climbing

will be open to attendees from 5:30 PM to 6:30 PM

Main Gallery Exhibit opens at 6:00 PM

Members & Guests: \$100.00 per person, Students \$20.00

Registration & Special Exhibit: 5:30 PM | Reception & Main Gallery 6:00 PM | Dinner: 7:15 PM | Program: 8:00 PM

*For reservations please send checks payable to ASCE LA Section, 1405 Warner Ave., Suite B, Tustin, CA 92780
Indicate in check comment section "For 2009 Annual Event"*

Please Print and Return Coupon with Payment.

If you have any questions, call the ASCE Office at 714-258-8306.

Return Coupon

Name (for name tags) _____ Phone () _____

Company _____ Fax () _____

Address _____

City _____ State _____ Zip _____

Email address for acknowledgment of reservation _____

Spouse / Guest Name(s) (for name tags) _____

My check for \$ _____ is enclosed for # _____ reservations (includes Gallery Exhibits) # _____ Vegetarian

DISASTER TRAINING

Classes are being organized for volunteers to help in the event of a major disasters under the auspicious of the State of California, Office of Emergency Services (OES). 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, or are interested in arranging a class, please contact the ASCE Disaster Preparedness Committee Chairman. There is a charge of \$15 for the class.

The class begins at 9 or 10 and lasts 5 or 6 hours

Classes will be given for Volunteers to assess damage and /or Coordinators from City or County to direct Volunteers for their area of damage.

To register for the class submit your name along with your Telephone number, Fax number, Zip code, and Email address. You will be contacted when 10 or more requests a class. The maximum number in the 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.

Thank you for your support of the A S C E
 Jack W. Rolston, Chair
 818-903-5225 cell • 818-345-9199 • 818-345-5283 fx
 ascedisaster@earthlink.net

Civil Engineering's Role in Reducing Risk of Climate Change*

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The agreement also highlights the need for public policy priorities, and outlines a recommendation that, at the national and international level, a binding agreement for global emissions and an equitable process for its long-term achievement be created. That agreement, the three organizations note, should include the establishment of clear and reasonable targets and timeframes that stimulate private investment and encourage early action, as well as encourage action by other countries.

Building on the long-standing relationship between ASCE, CSCE and ICE, the agreement is the outcome of active discussions on climate change initiated by ASCE in Pittsburgh at the Society's 2008 Annual Civil Engineering Conference. These efforts to engage the global engineering community will continue at the upcoming 2009 World Federation of Engineering Organizations in Kuwait, where addressing climate change and sustainable development will be a major focus of the program. For more information, please visit www.asce.org.

**Adapted article from www.asce.org.*


HYDROLOGY/HYDRAULICS SOFTWARE

- *Automatic English-to-Metric Conversion*
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*FEMA Approval for WSPGW Only.





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ASCE LA Section
Gayle Stewart
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LACMTA
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