

Los Angeles Section

Monthly: Est. 1913

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PRESIDENT'S MESSAGE

Kathereen Shinkai, P.E., M.ASCE
Los Angeles Section President

VOL. LVII NO. 4

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Exciting Events



I have attended numerous ASCE events, but I wanted to share two exciting events I attended recently. The ASCE Life Member Brunch and the Los Angeles Younger Member Forum Student Night are two events that I always look forward to attending since each one offers a different outlook on our profession.

On March 4th, the Los Angeles Section Board officers, life members, younger members, students, and members and family attended the Los Angeles Section Life Member Brunch to celebrate the new Life Members for the Los Angeles Section. The event is held annually in March at the Monterey Steakhouse in Monterey Park, to honor those Section members who have advanced to Life Member status and who deserve recognition of their career achievements. For those of you not familiar with the Life Member designation, Life Member status is given by ASCE when a member reaches the age of 65 and has paid dues continuously for 35 years and have had 10 years of continuous membership immediately preceding the attainment of the Life Member status.

To give you a brief history, the Los Angeles Life Member Forum (LMF) was established in the early 1990's as a result of the efforts of past Society President, Bob Bein, P.E. and retired Caltrans District Director, Keith McKean, P.E. (now deceased). They recognized that most civil engineers have plenty of enthusiasm for the profession upon retiring from full-time practice. The Life Member Forum provides the opportunity to remain active in our profession for many years after retirement by being an asset group which promotes and helps guide our careers in many ways. There are many Committees within LMF whose intent are to provide activities and opportunities which are aligned to individual member preferences. Currently, these include the Infrastructure Advisory, Disaster Assistance Liaison, Mentorship, Public Image, Political Involvement, Field Trips, and Habitat for Humanity.

I was honored to be a part of this event. I had the opportunity to speak to a few of the newly inducted Life Members and learned about their life experiences as civil engineers as well as how happy they were to see many members in attendance at the brunch. They all couldn't believe how long it has been since they graduated from their respective universities and talked much about how technology has advanced in the last 30 years. The new Life Members were acknowledged by Region 9 Director, Jay Higgins and Life Member Forum Chairman, Larry Lewis, PE and the Life Member pins were presented by Society President-Elect, Kristina Swallow, PE. and myself.

Life Members are truly the most experienced and knowledgeable membership segment of our Society and contribute significantly to the success of our organization. If anyone is interested in learning more about LMF, please contact Larry Lewis, PE. Please join me



California Board for Professional Engineers, Land Surveyors, and Geologists (BPELSG)

by Thor Larsen, P.E., M.ASCE, ASCE Region 9 Governor from the Sacramento Section



How many civil engineers pay attention to what the California Board for Professional Engineers, Land Surveyors, and Geologists (known as BPELSG), does, besides sending you an invoice every 2 years for renewal of your license? I will readily admit that I have paid minimal attention in the past. I mostly wondered "When or will the BPELSG begin requiring continuing education requirements in addition to paying the dues for our renewal". Well, as a new ASCE Region

9 governor, I relished volunteering to chair the BPELSG committee, and I am becoming much more aware and recently attended my first monthly Board meeting in Sacramento on February 8. This is enlightening!

The Board members consist of a mixture of engineering professionals and public members. The Board has 14 members, which includes a President and Vice President. The Board consists of 7 members who represent the "Public", one of whom is a State Senate appointee. There are 7 members who work within the professions that BPELSG provides licensure. There are 5 professional engineers (mechanical, structural, civil, electrical and traffic), a professional geologist, and a professional licensed surveyor. They generally serve 3 year terms, and for the member who becomes the Board President, there is a second 3-year term. The BPELSG board will set policies for licensure and also advocate or initiate bills through the State which are necessary. BPELSG is under the California Department of Consumers Affairs, which oversees a multitude of professions requiring licensure. Professional engineering, geologists and surveying is extremely important to the public, and therefore we must uphold our code of ethics and abide by the rules of licensure.

So there is the brief background of BPELSG! Here is a question that Richard Moore, Executive Director of BPELSG, asked in the most recent newsletter to all members: "How often do I as a licensed professional engineer, review Business and Professions Code Sections 6700-6799?" Those sections are referred to in common industry nomenclature as the Professional Engineers Act. Richard states that outreach experiences and statistics show that few licensees take the time to familiarize themselves with these laws, and annual changes thereof, even though each licensee states that he or she has read those laws and will abide by them at all times (This occurs with one's initial licensure application, and all subsequent renewal applications). I will definitely be reading these from now on, like I did so long ago. One change to these laws is slated to become effective in 2017. Senate Bill SB 1085, introduced by Senator Roth and now passed became effective January 1, 2017, but will not be required for licensees until later in 2017.

SB 1085, as amended, Roth. Stated per text below from the April 7, 2016 bill as introduced:

Existing law makes the Board of Professional Engineers, Land Surveyors, and Geologists responsible for the certification, licensure, and regulation of the practice of professional engineering, the practice of professional geologists and geophysicists, and the practice of professional land surveyors.

"This bill would additionally require an applicant for renewal to complete a board-administered assessment, which includes questions to reinforce the certificate holder's or licenseholder's knowledge of laws applicable to his or her practice area. The bill would make the failure to complete the assessment within a specified period of time a cause for disciplinary action."

Be on the lookout for this with your renewals! It will be great practice for the majority of us to remind ourselves of the laws, and ethics involved with our licenses.

In closing, I suggest that you try to attend one of the Board meetings in the next year. They are held monthly, and in locations within the full state area, from San Diego, to the Bay area and Sacramento. The agendas and material are available at http://www.bpelsg.ca.gov/about_us/meetings, along with the full schedule of meetings for 2017.

If you have any questions or need further information, please feel free to contact me at Thor.Larsen@hdrinc.com



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in congratulating all the LA Section new Life Members. A full recap of the Life Member Brunch was written by Garvin Pederson, PE and is in this month's newsletter.

The other event I was able to attend was held on February 3rd and was the LA YMF Student Night and Job Fair at the Congo Room at LA Live. As a student, I remember attending this event and now as a professional I continue my support in order to meet and motivate local university students. This event gathered over 100 students from the 11 local universities in the ASCE LA Section Region (Cal Baptist, Cal Poly San Luis Obispo, Cal Poly Pomona, CSUF, CSULA, CSULB, CSUN, LMU, UCI, UCLA, USC) as well as other universities in the Greater Los Angeles region. This annual event serves to recognize outstanding students from these local 11 universities with scholarships and awards, to provide our engineering students with the opportunity to find employment, and to facilitate interactions among employers, young professionals, and students from the local universities. With the current economy, there were many job fair booths and it was a worthwhile and great event in which students enjoyed the night networking with working professionals. I had the opportunity to be one of the speakers that night and talk about why it is important to stay involved with ASCE.

At the event, for the LA Section, I handed out three scholarships. Students were required to submit an one page essay on civil engineering interests and aspirations, a transcript, and a letter of recommendation by a Faculty Advisor. We had two "Leo and Pat

Hirshfeldt Scholarship" scholarship recipients. Cayla Whiteside from University of California, Los Angeles and Takuma Yonebayashi from California Polytechnic State University, San Luis Obispo. Both received a \$1,500 scholarship. For our "Philip Abrams Scholarship", this went to Sam Potts from California State University, Northridge and he received a \$2,000 scholarship. Congratulations to the three scholarship recipients.

I truly enjoyed going to both events this past month and highly recommend them to you for next year. The Life Member Brunch celebrates individuals who have spent their careers in our profession, an accomplishment whose status should be shared with our community. The Student Night supports future civil engineers as they prepare to embark in their careers. I hope all of you continue to attend the many events that each of the Section, Branches, and Younger Member Forums offer.



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Bi-Monthly Board Meetings



Day:
First Thursday
of every other month

Time:
6:00 pm

Location:
OCTA
550 S. Main St.
Santa Ana, 92868

Everyone is welcome

Utility Engineering & Surveying Institute (UESI) Overview

by Randy (Randall) Hill, P.E., F.ASCE, Principal, RCH Engineering, UESI Board Past President



OVERVIEW

The Utility Engineering and Surveying Institute (UESI) was created on October 1, 2015 as ASCE's newest and ninth institute, with the goal to provide leadership and serve as a forum for:

- Advancing engineering and technical practices for managing "cradle-to-grave" lifecycles of utility systems.

- Facilitating effective coordination among utility infrastructure operators and owners and managers of other civil infrastructure.

- Promoting Utility Engineering as a recognized Civil Engineering practice.

- Promoting effective surveying and data management practices in Civil Engineering.

- Enhancing the role of Utility Engineers and Engineering Surveyors in the development and delivery of Civil Engineering projects.



ORGANIZATION

UESI organization consists of a Board of Governors (BOG) who are responsible for managing the affairs of the Institute. The Board has accountability, as well as fiduciary, legal and strategic responsibilities and will focus on continuous strategic planning, collaboration, establishing desired outcomes, develops and approves policy imperatives to guide operations, and ensures that the Institute uses these policies to work toward meeting its vision and fulfilling its mission.

Within UESI there are six technical divisions:

- **Pipeline** – Advance pipeline engineering, relative to transmission of liquids gases or solids by pipelines.

- **Utility Risk Management** – Provide leadership related to utility investigations, coordination, design, and data management and security

- **Surveying and Geomatics** – Provide leadership for the acquisition and management of spatial data, encourage the advancement of geomatics and professional development

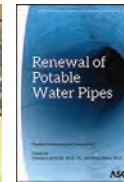
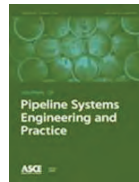
- **Asset Management** – Advance and disseminate knowledge related to the holistic life-cycle asset management of utility infrastructure

- **Standards** – Responsible for identifying new topics for standards development and growing the overall UESI standards program

- **Construction Management** – Future: Will develop surveying and engineering best practices that employ established installation, inspection, project management, and construction management

KEY ACTIVITIES

UESI Key Communication Activities include Technical Conferences (Pipelines and Surveying Summit), Journals (Pipeline Systems Engineering and Practice and Surveying Engineering), Manuals of Practice, Standards, Webinars, Workshops, and UESI Newsletters.



PIPELINES ANNUAL CONFERENCE

The annual ASCE Pipelines Conference with the 2017 theme of "Reliability and Resiliency Through Sustainable Design and Construction" is the keynote event of UESI where over 1,000 pipeline and utility professionals meet to exchange technical information, network with other professionals, listen to keynote speakers and view top products and services associated with pipeline engineering, utilities and surveying industries. Top reasons to attend include:

- Premiere industry event for practitioners covering the most current state-of-the-art engineering technologies for pipeline and utilities infrastructure.

- Network with your peers, earn up to 26 PDHs, and expand your knowledge base to enhance the success of your projects.

- Thought provoking interdisciplinary education, inspiring and enlightening keynote speakers, tours, short courses and networking opportunities with potential clients and project team leads.

- One hundred top products and services in pipelines technologies participating in exhibition.

- Explore the beautiful Phoenix/Scottsdale areas with world-class museums, renowned botanical garden in the nation's largest wilderness preserve, an award-winning zoo, railroad museum, 1880s Western town, and Frank Lloyd Wright's Taliesin West.

For more information on the upcoming ASCE Pipelines 2017 Conference in Phoenix, Arizona August 6-9, 2017 visit: <http://www.pipelinesconference.org/registration>

MEMBERSHIP

As of February 2017, UESI membership is over 1,500 members strong and over 1,100 members have chosen UESI as their primary

ASCE Institute. For an additional fee, UESI membership can be added to a member's current institute affiliations. Other membership categories include institute-only and student members.

UESI has 13 Charter Organizational Members (business, engineering firm or utility company) and three UESI Partners (Providing exchange of services).

Five UESI local chapters have been established across the country. One UESI chapter is in Orange County, California and three chapters are in Florida as this is an area of the country where there's been tremendous excitement about what UESI is doing for the utility infrastructure and surveying professionals. Other local chapters are in the planning stage for Los Angeles, CA, Philadelphia, PA and Phoenix, AZ. Two UESI State Chapters are being considered for Michigan and Texas.

WHO SHOULD JOIN UESI?

- Water and Waste Water Pipeline Engineers, Technicians, and Suppliers
- Oil & Gas Pipeline Engineers
- Electrical and Communication System Engineers
- Subsurface Utility Engineers
- Utility Coordinators and Locators
- Contractors specializing in utility construction
- Surveyors and Party Chiefs
- Utility Asset Managers



For more information about UESI and membership opportunities go to the UESI website: www.asce.org/uesi

ARTICLE

Notice of Region 9 Opening For At-Large Governor



ASCE Region 9 invites nominations for one Region 9 Governor At-Large position for a three-year term beginning October 1, 2017. To be considered for this position, you must be a Society member in good standing and have an Address of Record within the Region being represented. It is encouraged that nominees also

have prior service as a Branch, Section or Technical Group officer, member of a Section or Branch committee, or a member of a Society-level Committee and has demonstrated leadership skills. This is an appointed position.

A Letter of Intent to apply for this elected office must be submitted not later than June 1, 2017, to the Region 9 Nominating Committee Chair: Kenneth Rosenfield, at krosenfield@lagunahillscsca.gov, (949) 707-2655. Please contact Kenneth Rosenfield for any questions. In addition, the following documents are also requested:

- Signed Governor Commitment document (contact Kenneth Rosenfield for form)
- Biographical Statement, not to exceed 200 words
- Vision Statement, not to exceed 200 words
- Any endorsements
- Headshot color photograph

Nominees will be requested to attend an interview before the Region 9 Board of Governors on June 9, 2017, in Tustin, CA. Time and specific location to be confirmed.



ASCE Region 9 Legislative Day Wednesday May 17, 2017 California State Capitol, Sacramento

The 2017 ASCE Region 9 Legislative Day will take place in Sacramento on Wednesday, May 17, 2017 during Infrastructure Week 2017. Highlights of the Legislative Day Agenda include:

- 9am-12noon: A half-day training session on the political process
- 10am: Briefings from the ASCE Region 9 Legislative Advocate
- 12noon: Lunch and Networking
- 12:45pm: Group Photograph
- 1-5pm: Walk to the State Capitol to meet with State Legislators
- 5-7pm: Recap of the day (at the Hyatt Regency Hotel lobby)

There is no registration fee to attend. Participants are responsible for their own travel expenses and must register so that legislative appointments may be scheduled.

Morning Training Session will be held at: Department of Water Resources, 1416 9th Street, Legal Conference Room, Sacramento, CA 95814

Suggested hotel is the Holiday Inn Sacramento Downtown-Arena, 300 J St, Sacramento, CA, 95814, Tel: 855-239-9227

Be on the lookout for an email link to Registration for this event in April!

Please contact Anne Ettley, ASCE Region 9 Administrator, at aettley@gmail.com, if you have any questions regarding the Fly-In.



Los Angeles Section Honors the 2017 New Life Members

by Garvin Pederson, P. E., LMF M. ASCE

It is that time of year again, the first Saturday in March, when the L.A. Section traditionally honors its new group of Life Members, publicly recognizing their professional accomplishments. The luncheon was held at the Monterey Hill Restaurant in Monterey Park on March 4th. The event was chaired by L.A. Section President, Katherine Shinkai and Life Member Forum President, Larry Lewis. There were some 100 attendees including Younger Member Forum members and student chapter members.

John Hogan, P.E. Director of ASCE Region 9, updated us on the Region 9 sponsored upcoming events. He pointed out that Region 9, consists of the entire state of California. There are 20,000 ASCE members in Region 9 and of these 3,000 are Life Members. He encouraged Life Members to remain active in ASCE and also share their experiences with the younger members. Participating in the L.A. Section's Life Member Forum is one of the ways to remain active.

The keynote speaker for the event was ASCE Society President-Elect Kristina Swallow, P.E. ENV SP, F. ASCE. Ms Swallow pointed out that Civil Engineers are global leaders, building a better quality of life for everyone. ASCE has members in 177 countries. ASCE continues to stress its initiatives of: **Sustainability-Infrastructure-Raise the Bar.** She believes "Raise The Bar" is very important to make sure the profession has been educated in all the latest technologies. She believes in some cases we may have been falling behind. ASCE's "grand challenge" she also said is to reduce project "Life Costs" by 50% by the year 2025. In addition she said that we need to become more involved in communicating our values and points of view to our neighbors and other political and non-political organizations.

Dr. Anthony Donaldson, Dean of Engineering at California Baptist University (CBU) was in attendance with a contingent of faculty and students. In addition to giving the invocation he updated us on the expansion of the college of engineering and the new construction that is underway.

Hasan Nouri, P.E. M.ASCE presented President-Elect Kristina Swallow with a U.S. Congressional Certificate of Appreciation from the Orange County congressional delegation, for all her accomplishments in public works.

Jay H. Higgins, P.E., F. ASCE, Director, ASCE Region 9, summarized the professional and personal highlights of the life of each new Life Member in attendance at this event. Larry Lewis, then presented them with their "Life Member Certificate". Kristina Swallow and Katherine Shinkai offered their personal congratulations and had a photo taken with each new Life Member.

The following are the L.A. Section's new Life Members, congratulations are extended to all of them: Clark Adams, Linda Andrews, Surendra Anketell, Aart Assink, Ross Barker, James Barry, James Beck, David Berger, Dirceu L. Botelho, Richard Bronstrup, Debra Burris, Mark Carroll, Daniel Chase, Shih-Huang Chieh, John Christopher, Craig Cockrell, Ruben Corpuz, Jose Cueva, Charles Dabbs, Gary

Davis, Frederick Dock, Kenneth Floom, John Forestelle, Louis Gomez, Glen Gorski, Chih-Yang Han, Edward Hosseinipour, Michael Ishler, Carl Johnson, S. Robert Kallenbaugh, Zbigniew Kostecki, Michael Krakower, James Kramer, Suk Lee, Michael Luebbers, Rhonda MacDonald, Steve May, Richard Meyer, James Miller, George Papik, Avindkumar Patel, Steven Provenghi, Larry Rein, Andrew Romer, David Schluer, Herbert Schwind, Joseph Seibold, Dessis Shallenberger,



2017 ASCE Los Angeles Section Life Members

Standing L>R: T.A. Widjaja, M.A. Krakower, G.A. Gorski, A.M. Yourman, D.S. Chase, R. Bronstrup, J. Christopher, M. Carroll and J. Miller.

Seated: F.C. Dock, L.S. Andrews, L.A. Rein, L.Y. Tokuyama, S.R. Kallenbaugh, R.J. Stuart and S-H Chieh.

Robert Stuart, Larry Tokuyama, Phillip Wager, James Weaver, Tjahana Widjaja, Paul Wilkinson, John Wilson, Dennis Wolfe, George Y. Wu, Ming-Yang Yeh, Allen Yourman.

As was pointed out by Robert Bein P.E., F. ASCE and a number of other speakers at this event, the L.A. Section is the only ASCE Section in the entire Society that holds such an event and honors the professional accomplishments of its new Life Members. The L.A. Section's Life Member Forum (LMF) that makes all the event arrangements, however, is seriously in need of existing and new Life Members to take an active part in the LMF or in the future, such events may not be possible.

Thanks is given to Joe Buley P.E., F. ASCE, who again this year arranged for an outstanding event and to Gayle Stewart the Section's administrator who worked with Joe to make all the arrangements.





2017 Life Member - Linda S. Andrews



2017 Life Member - Richard Bronstrup



2017 Life Member - Mark Carroll



2017 Life Member - Daniel S. Chase



2017 Life Member - Shih-Huang (James) Chieh



2017 Life Member - John Christopher



2017 Life Member - Frederick C. Dock



2017 Life Member - Glen A. Gorski



2017 Life Member - S. Robert Kallenbaugh



2017 Life Member - Michael A. Krakower



2017 Life Member - James R. Miller



2017 Life Member - Larry A. Rein



2017 Life Member - Robert J. Stuart



2017 Life Member - Larry Y. Tokuyama



2017 Life Member - Tjahjana Andy Widjaja



2017 Life Member - Allen M. Yourman



U. S. Congressional Recognition Presented to
Pres. Elect Kristina L. Swallow by Hasan Nouri



Pres.-Elect. K. Swallow with Cal Baptist Univ. ASCE Student
Chapter Members, A. Donaldson-Dean & J.-W. Bai-Advisor

Symposium Sponsors

"Dream Big - Ideas and Innovations for Sustainable Infrastructure"

The Los Angeles Section and Region 9 of ASCE would like to thank the following organizations for their generous contributions in support of the March 31, 2017 **Symposium**:

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The Los Angeles Section and Region 9 of ASCE would like to thank the following organizations for their generous contributions in support of the March 31, 2017 **Awards Dinner**:

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