If you are receiving this newsletter, it is because you are a member of the Los Angeles Section of ASCE. We’re the 2nd largest Section within ASCE. Only the Texas Section is larger and it’s the includes whole state.

The Los Angeles Section has a long, rich, vibrant history of furthering and promoting the Civil Engineering profession. You and I are lucky to be a part of a Section with such a rich heritage. Some of the largest Civil Engineering companies today were founded right here in the Los Angeles Section, i.e. AECOM, RBF, Psomas, Parson, C.F. Braun, and other large firms founded in our section. Just as important are the small and midsize firms that we don’t have the space to mention yet have provided valuable services to their clients.

Also contributing to the history and heritage of the Los Angeles Section were the Civil Engineers who worked at the Public Agencies/Special Districts/Utilities within our Section, MTA, City of Los Angeles, County of Los Angeles, Los Angeles DWP, Southern California Edison, Southern California Gas company (now Sempra), Orange County Sanitation Districts, Los Angeles County Sanitation Districts to name a few. Each of these public agencies/special districts/utilities employed Civil Engineers who researched and performed the investigative work that lead to the very standards you and I follow today as well as the infrastructure that you and I maintain today. The Los Angeles Section includes a long list of individuals who have contributed to furthering our profession of which you and I should be proud to belong.

On Saturday March 3rd, we will induct 47 individuals into Life Member Status at the Los Angeles Section annual Life Member Brunch. Take time to look the individuals on the list to see if perhaps you worked with any of them. Even if you didn’t, I hope you will make plans to attend our brunch and learn about the accomplishments of those who attend.

Just FYI, the Life Member Committee meets the first Thursday of every month at 10 am in Tustin at the offices of Gayle Stewart Enterprises and everyone is invited. BUT, they have a call in number for those who live out of town. Contact Larry Lewis at ml3lewis@aol.com or call 714.258.8306 to get the call in number.

Along the lines of History, the Los Angeles Section is proud be the location of the inaugural Utility Engineering and Surveying (UESI) 2018 Surveying & Geomatics Conference at Cal Poly Pomona in April. UESI is ASCE’s newest Institute with a focus in five active divisions: Pipeline, Surveying & Geomatics, Utility Infrastructure Asset Management, Utility Risk Management and Standards.

So you have plenty of time to plan to attend not only the annual life member lunch in March 2018 but also 1st USEI conference at Cal Poly Pomona in April 2018.
On The Importance of Climate Safe Infrastructure

by Dr. Cris B. Liban, P.E., ENV SP, F.ASCE, California Climate Safe Infrastructure Working Group Member, Chair, ASCE National Committee on Sustainability

Regardless of one's politics, a unifying philosophy that brings us all to the table is the realization that infrastructure has been a neglected element of society; and the urgent need to address it is now!

Every four years, ASCE provides a comprehensive assessment of our nation’s 16 major infrastructure categories through the Infrastructure Report Card (www.infrastructurereportcard.org). The Report Card assesses the infrastructure categories’ conditions and needs, assigning grades and making recommendations to raise those grades. Unfortunately, not much has improved since 1988. ASCE has yet to give a grade out of the “D” range; in 2017, America’s infrastructure earned a “D+.”

Contrast this with the polarizing discussion on climate change and its potential impact to infrastructure, the economy, and to us as a human race. This may be changing. A definitive report (Climate Science Special Report, science2017.globalchange.gov) released by the White House in November 2017 asserts that based on “a large body of scientific, peer-reviewed research,” global annually averaged surface air temperature has increased by about 1.8 Fahrenheit (1.0 Celsius) over the last 115 years (1901–2016). In addition, the report indicates that “this period is now the warmest in the history of modern civilization”.

As civil engineers, we are integral to the planning, design, construction, operation, maintenance, decommissioning, and renewal of infrastructure systems. ASCE Policy 488 (http://www.asce.org/issues-and-advocacy/public-policy/policy-statement-488-greenhouse-gases/) provides guidance and supports a number of public and private sector strategies and efforts to achieve significant reductions in greenhouse gas (GHG) emissions through the planning, design, construction, renewal, operation, maintenance and decommissioning of existing and future infrastructure systems. Doing so fosters progress and creates opportunities for civil engineering leadership to significantly lead reducing GHG emissions.

The political contrast between infrastructure and climate change cannot be taken lightly. As there are observed increases in the occurrence of severe weather events, extreme heat and flooding, and increasing surge and water impacted areas that may be due to sea level rise; we need to consider a new baseline in building new infrastructure and maintaining or retrofitting the existing ones. This is important as the need for a reliable and safe infrastructure system is critical to continue on with the conduct of all aspects of our lives, our society and our economy.

In Fall 2016, the California State Legislature passed AB2800 (Quirk), “Climate change: infrastructure planning” that requires the California Natural Resources Agency, by July 1, 2017, and every 3 years thereafter, to update the state’s climate adaptation strategy to identify vulnerabilities to climate change by sectors and priority actions needed to reduce the risks in those sectors. This bill put California at the forefront of making infrastructure more resilient.

This bill, through July 1, 2020, also requires state agencies to take into account the current and future impacts of climate change when planning, designing, building, operating, maintaining, and investing in state infrastructure. The bill also would require the establishment of a Climate-Safe Infrastructure Working Group for the purpose of examining how to integrate scientific data concerning projected climate change impacts into state infrastructure engineering.

California Natural Resources Secretary John Laird appointed me to be a member of the Working Group early this year, with the endorsement of ASCE. Other members of the Working Group consist of registered professional engineers with specified relevant expertise from the Department of Transportation, the Department of Water Resources, the Department of General Services, and other relevant state agencies; scientists with specified expertise from the University of California, the California State University, and other institutions; and licensed architects with specified relevant experience. The Working Group will convene its first meeting on January 18, 2018 in Sacramento; by mid to late 2018 (ideally by July 1), the Working Group is expected to develop and make specified recommendations to the Legislature and the Strategic Growth Council on how to incorporate climate change impacts to infrastructure.

The deliberations are expected to be robust and comprehensive. Among the considerations are the current informational and institutional barriers to integrating projected climate change impacts into state infrastructure design; critical information that engineers responsible for infrastructure design and construction need to address climate change impacts; and selecting an appropriate engineering design for a range of future climate scenarios as related to infrastructure planning and investment.

The ASCE Committee on Sustainability has been charged by our Board of Direction to coordinate the efforts on these and related issues. One of its affiliate committees, the Committee on Adaptation to a Changing Climate, will release early next year a 240-page manual of practice on adaptive design and risk management. That manual is expected to provide the foundation for ASCE standards. Additionally, the Committee on Sustainability has proposed the development of an ANSI standard for sustainable infrastructure projects. This standard is anticipated to be performance-based and will provide guidance on how to incorporate the principles of sustainability in all facets of the planning, design, construction, and operations and maintenance process of the asset over its life cycle.

As you can see, there’s more to this and we need civil engineers to be involved. I would like to hear input from you on the above topics. Your contribution means a lot to the State as well as to our organization. Please contact me at cliban@hotmail.com to engage.
One more thing. By the time you are reading this article, members in various parts of Southern California will be cleaning up from the December wildfires. I have heard of a few members whose family had to evacuate but to the best of my knowledge everyone is okay. We have a Section Committee “Disaster Preparedness” which could be very helpful not only at assessing damage put perhaps helping members after such a tragedy. My last call for new committee members yielded zero volunteers. So, I’ll put it out there again, if anyone would like to get more involved with ASCE and is looking for a place to serve, please consider contacting me about working on the Disaster Preparedness committee and contact me at jburke@ieua.org.

It is a pleasure to serve as your President.

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**ARTICLE**

Please welcome our new ASCE members from November 2017!!

**Desert Branch**
- Giovanny Rodriguez Quevedo, S.M.ASCE

**Metropolitan Los Angeles Branch**
- Dalkeith O’Neil Mullings, S.M.ASCE
- Jaqueline Michelle Erazo, S.M.ASCE
- Feodor Cruzat Rapadas, S.M.ASCE
- Jacob Almazan, S.M.ASCE
- Brenda Paola Aguilar, S.M.ASCE
- Amr Mabrouk, Aff.M.ASCE
- Joselyn Iveth Perales, S.M.ASCE
- Sandra Cervantes, S.M.ASCE
- Alejandro Cerano-Lopez, S.M.ASCE
- Alejandro Vasquez, S.M.ASCE
- Dixie Escalante, S.M.ASCE
- David San, S.M.ASCE
- Hashem Basrawi, I, S.M.ASCE
- Aditya Saxena, S.M.ASCE
- Ruben Alvarado, Cedillo, S.M.ASCE
- Allison Dayana Guevara Samanie, S.M.ASCE
- Abhishek Senhil Kummar, S.M.ASCE
- Cassandra Luu, S.M.ASCE
- Carlos Magallion, Jr., S.M.ASCE
- Karelly Dorado, S.M.ASCE
- Sylvia Denise Sonora, S.M.ASCE
- Freddy Francisco Quijada, S.M.ASCE
- Jason Yu Long Chou, S.M.ASCE
- Eliana R Goehring, S.M.ASCE
- Janelle Coleen Dela Cueva, S.M.ASCE
- Jaydip Vasoya, S.M.ASCE
- Luis Montalvo, S.M.ASCE
- Kyle Demsher, S.M.ASCE
- Nicolette Paige Seargeant, S.M.ASCE
- Benson Lim, S.M.ASCE
- Ali Asadyari Darian, EIT, A.M.ASCE
- Alex Petrov, S.M.ASCE
- Sean Pukdam, S.M.ASCE
- Jack Hernan Cuatoco, S.M.ASCE
- Andrea Garoz, S.M.ASCE
- Sergei Terzaghi, A.M.ASCE
- Ishani Singal, S.M.ASCE

**Orange County Branch**
- Wexuan Wang, S.M.ASCE
- Alberto Hernandez, Jr., S.M.ASCE
- Ziman Jia, S.M.ASCE
- Abe A Zuckerman, S.M.ASCE
- Anita Sie, S.M.ASCE
- Iric Hong, S.M.ASCE
- Marie-Pierre Delisle, S.M.ASCE
- Daniel Chang, S.M.ASCE
- Jonathan Mark McGinn, S.M.ASCE
- Ronald Eugene Henry, III, S.M.ASCE
- Ophir Bonen, S.M.ASCE
- Ana Clarisa Siton, S.M.ASCE
- Nicholas Sam Ho, S.M.ASCE

**San Luis Obispo Branch**
- Wenxuan Wang, S.M.ASCE
- Alberto Hernandez, Jr., S.M.ASCE
- Ziman Jia, S.M.ASCE
- Abe A Zuckerman, S.M.ASCE
- Anita Sie, S.M.ASCE
- Iric Hong, S.M.ASCE
- Marie-Pierre Delisle, S.M.ASCE
- Daniel Chang, S.M.ASCE
- Jonathan Mark McGinn, S.M.ASCE
- Ronald Eugene Henry, III, S.M.ASCE
- Ophir Bonen, S.M.ASCE
- Ana Clarisa Siton, S.M.ASCE
- Nicholas Sam Ho, S.M.ASCE

**Southern San Joaquin Branch**
- Mark Hamiter, S.M.ASCE
- Dominick Banuelos, S.M.ASCE
- Shaun Cary, S.M.ASCE
- Lane Mattson, S.M.ASCE
- Nathan Reid Smith, S.M.ASCE
- Arup Adhikary, S.M.ASCE
- Khalid Saoud, S.M.ASCE
- Roger Casas, S.M.ASCE
- Jacob Andrew Branstetter, S.M.ASCE
- Eric Olea, S.M.ASCE

**Santa Barbara-Ventura Branch**
- Mariana Martinez, S.M.ASCE
- Lucas Johnson, S.M.ASCE
- Laura Lizbeth Yanez, P.E., M.ASCE
- Maher Amjad Hanbali, Aff.M.ASCE
- Taylor Stephanie Walsh, S.M.ASCE
- Laurene Shelton, C.Eng, EIT, Aff.M.ASCE

**San Bernardino-Riverside Branch**
- Devon William Fox, S.M.ASCE
- Martin Velarde, Jr., S.M.ASCE
- David Roy Bachtel, A.M.ASCE
- Roy August Bletscher, S.M.ASCE

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Los Angeles Section Monthly: JANUARY 2018
Welcome to your one-way ticket to the future of sustainable air travel.

Envision-awarded airports around the country are looking to the future to save you time and money.

The Institute for Sustainable Infrastructure – an organization cofounded by ASCE in 2011 – developed the Envision rating system to measure sustainable infrastructure projects.

Here are four future-minded sustainable airport approaches:

1. Renewable Energy Approach

The Water Source Geothermal project, implemented at the Nashville (TN) International Airport, earned an Envision Silver award for its closed-loop system that solves the cooling requirements of the airport’s terminal building.

The project uses a quarry lake to chill water through lake-plate heat exchangers. Through this system, the airport saves more than 21.1 million gallons of potable water used in the airport’s cooling towers and expects more than $430,000 in electricity cost savings.

Also, by harvesting the rainwater that collects in the quarry and pumping it into the irrigation system, the project saves more than 13.1 million additional gallons of potable water used for irrigation.

The Water Source Geothermal project will significantly reduce the airport’s dependency on its natural-gas fired boilers, which use on average 39,700 therms of natural gas per month. Emissions associated with the use of these boilers is significant, but the Water Source Geothermal project will reduce emissions of carbon monoxide, nitrogen oxide, particulate matter of both 10 and 2.5 micrometers or less in diameter, sulfur dioxide, and volatile organic compounds – all of which contribute to poor air quality.

2. Efficiency Approach

The Providence’s Runway 5 Extension at T.F. Green Airport project, an Envision Gold winner, lengthened the T.F. Green’s main runway to 8,700 feet as part of a multiyear program to better accommodate aviation activity demand and enhance safety areas.

The extension improves flight efficiency through increased payloads and reduced weight penalties, while also accommodating long-haul service to the West Coast.

The project requires 34 percent less energy, resulting from design plans focused on resource conservation and reduced maintenance as key objectives. The project also features extensive LED lighting, and the design team evaluated lighting cables to determine that replacements could avoid disruption in aircraft activities.

The reduction in required pavement for the project also helped better manage stormwater.

3. Recycle-Everything Approach

The Detroit Metropolitan Airport’s Runway and Associated Taxiways Reconstruction project, an Envision Silver winner, involves reconstructing an associated taxiway system that encompasses 6.5 miles of airfield pavement. The result is a safer connection for
aircraft from the runway to the passenger terminals at the Detroit Metro Airport.

To reduce resource consumption, the project installed LED lighting and signage, reused stormwater for dust control (10 million-plus gallons of recycled water to date), and reused excavated materials, both on the project and in locations west of the runway, to balance the site and minimize maintenance needs. In addition, the contractor brought a concrete crusher on site to enable efficient pulverizing of materials for use on other projects.

The Runway and Taxiways Reconstruction project went beyond compliance with environmental regulations during construction by reducing existing impervious surfaces at the site, thus presenting long-term benefits to the ecological conditions on the airport. By minimizing the amount of pavement, stormwater runoff and the associated water quality impacts will decrease. This also minimizes future maintenance costs and the need for virgin materials.

4. Community Stimulus Approach

The San Diego International Airport’s Green Build landside project became the first airport to earn an Envision rating. The Platinum award winner responds to community needs that provide for current and future demand for travel, while increasing customer service and serving as an economic stimulus for the San Diego region.

At peak construction, the project created approximately 1,000 jobs, and with total economic impacts to include an estimated nearly 5,000 jobs over the course of the project.

The Airport Authority’s small-business outreach program generated more than $415 million in contracts for local businesses – with $118 million going to small businesses – which in turn boosted local employment, training, and education, particularly among needy or disadvantaged groups.

ARTICLE

Introducing AccessEngineering

by Thomas Smith III, ASCE Executive Director

At the core of ASCE’s organizational goals is our continued quest to give you the value and support that you will need to excel in your civil engineering career. To make good on this pledge, we are pleased to offer you free access to the online reference tool AccessEngineering in partnership with McGraw-Hill Education. This online suite of technical content provides professionals, academics, and students across all disciplines access to some of the world’s most used and authoritative engineering reference information, delivered right to your desktop or smartphone. The content is reviewed by a Faculty Advisory Board to ensure that it is comprehensive, up-to-date, and innovative.

With unlimited access to AccessEngineering, you can use the interactive tables, charts, and instructional videos to solve some of your most pressing day-to-day engineering challenges.

Some of the specific features include:

• Fast, faceted search tool to quickly get the information civil engineers need
• More than 1,000 instructional videos to demonstrate step-by-step solutions to real-world engineering problems
• Excel spreadsheet calculators to save you time
• A business suite of references and videos to help build management, presentation, and process skills
• Over 5,000 interactive graphs as well as thousands of downloadable tables to make it easier to use and analyze key data
• Critical global engineering news across all major disciplines.

As a member of ASCE, you are part of the largest professional civil engineering network in the world. And with your membership you have access to a wealth of benefits, including the new AccessEngineering, five free PDHs, periodic journal articles, Civil Engineering magazine, Salary Survey data runs, career development resources, member advantage discounts, and a variety of member-exclusive discounts on our products and services.

I encourage you to explore the full range of benefits of your membership, and thank you for helping us to further the civil engineering profession.
Legislation: The California State Legislature has resumed in session as of January 3, 2018. Several deadlines and events are in January and February:

- Jan. 3 - Legislature Reconvenes.
- Jan. 10 - Budget must be submitted by Governor.
- Jan. 12 - Last day for policy committees to hear and report to fiscal committees fiscal bills introduced in their house in the odd-numbered year.
- Jan. 15 - Martin Luther King, Jr. Day holiday.
- Jan. 19 - Last day for any committee to hear and report to the floor bills introduced in that house in the odd-numbered year. Last day to submit bill requests to the Office of Legislative Counsel.
- Jan. 31 - Last day for each house to pass bills introduced in that house in the odd-numbered year.
- Feb. 16 - Last day for bills to be introduced.
- Feb. 19 - Presidents’ Day holiday.

ASCE is watching a few two-year bills:

- AB 1000 (Friedman): Water transfers – Oppose: would prohibit a transfer of water from using a water conveyance facility that has unused capacity to transfer water from a groundwater basin, unless the State Lands Commission, in consultation with the Department of Fish and Wildlife, finds that the transfer of water will not adversely affect the natural or cultural resources, including groundwater resources or habitat, of those federal and state lands. **2-year bill**
- AB 1654 (Rubio): Water Conservation – Support: would enhance existing reporting and drought response requirements. Urban retail water suppliers would report annually to DWR on the status of their water supplies for that year and whether supplies will be adequate to meet projected customer demand. If supplies are not adequate to meet demand, the water supplier would be required to implement the appropriate responses as described in their water shortage contingency analysis. **2-year bill**
- SB 436 (Allen): California STEM Act of 2017 – Support: establishes the California STEM Professional Teaching Pathway to recruit, train, support, and retain qualified science, technology, engineering, and mathematics (STEM) professionals, including military veterans, as mathematics and science teachers in California. **2-year bill**
- SB 623 (Monning): Safe and Affordable Drinking Water Fund – Oppose: creates the Safe and Affordable Drinking Water Fund, administered by the SWRCB, and imposes water, fertilizer and dairy fees to fund safe drinking water programs. **2-year bill**

Recent Reports

Public Policy Institute of California published *Priorities for California’s Water*. “This past year was a prime example of California’s highly variable climate — and a precursor of the types of extremes that are expected to become more common. After five years of drought exacerbated by record heat, 2017’s record rain and snow brought more challenges — stressing dams and levees, causing landslides, and adding fuel to fire-prone landscapes.... In this policy brief we outline issues that are front and center for managing California’s water supply and natural environment. We also suggest priorities for actions that would improve California’s water systems and better support the state’s residents, businesses, and ecosystems.” This brief was part of a PPIC Water Policy Center forum held on October 26, 2017.

Carbon Balance and Management published *Revised Methane Emissions Factors and Spatially Distributed Annual Carbon Fluxes for Global Livestock*. “There has clearly been an alarming uptick in atmospheric methane in recent years, following a flattening of concentrations from 2000 to around 2007.... The new study found that a variety of guidelines introduced ... in 2006 to estimate methane emissions needed to be updated. That’s because livestock are being bred to be larger than before (and are being fed more), and their manure is being managed differently — more often in huge ‘anaerobic’ waste lagoons that give off large volumes of methane. Once the study updated the methodology, it found that for 2011, global emissions were 8.4% higher from enteric fermentation and 36.7% higher from manure management.... The real question, though, is whether these changes are sufficient to account for rising atmospheric methane concentrations — something that the new study asserts.”

Legislative Analyst’s Office has released its report, “Evaluating California’s Pursuit of Zero Net Energy State Buildings,” examining the Governor’s 2012 executive order that directed the state to increase “the number of state-owned buildings that are ‘zero net energy,’” meaning they “generate as much energy onsite through renewable sources as they consume over a one-year period,” finds that “a mandate for state buildings to be ZNE is not a necessary or cost-effective way for the state to achieve its GHG reduction goals” because “the state has already adopted a cap-and-trade program that limits total emissions from large emitters, such as electricity generators,” and notes “we find that it is more important that the state assess whether achieving ZNE for each proposed building project would be cost effective by performing cost-benefit analyses.”

**Governor’s Appointments**

Bruce Delgado, of Marina, has been reappointed to the Central Coast Regional Water Quality Control Board, where he has served since 2011. Delgado has been mayor of the City of Marina since 2008 and a botanist for the U.S. Department of the Interior, Bureau of Land Management since 1988.

Los Angeles Section Monthly: JANUARY 2018
Jeffrey Young, of Santa Barbara, has been reappointed to the Central Coast Regional Water Quality Control Board, where he has served since 2000. Young has been an attorney at the Law Offices of Jeffrey Young since 1997. He was general counsel at the California Aquaculture Association from 1995 to 2000 and an associate at the Law Offices of Raymond J. Pulverman from 1994 to 1997. He was owner and operator at Pacific Seafood Industries from 1983 to 1992. Young earned a Juris Doctor degree from the Santa Barbara College of Law and a Master of Science degree in marine fisheries from Humboldt State University.

Karl Longley, of Fresno, has been reappointed to the Central Valley Regional Water Quality Control Board, where he has served since 1999 and served from 1989 to 1997. Longley has been environmental engineer and program manager at the California State University, Fresno California Water Institute since 2005. He has served in several positions at the California State University, Fresno College of Engineering since 1982, including professor, department chair, dean and dean emeritus. Longley was a partner and consulting engineer at Hanna Longley and Associates from 1983 to 1985 and a civil engineer at Strauss and Roberts Consulting Civil Engineers Inc. from 1981 to 1982. He served as a lieutenant colonel and environmental engineer in the U.S. Army from 1960 to 1981. Longley earned a Doctor of Science degree in environmental health engineering and a Master of Science degree in water resources and sanitary engineering from Johns Hopkins University.

Carmen Ramirez, of Atwater, has been reappointed to the Central Valley Regional Water Quality Control Board, where she has served since 2011. Ramirez has been a partner at the Law Offices of Kelsey and Ramirez since 2014. She was an attorney at the Law Offices of Carmen Ramirez from 2011 to 2014. Ramirez held several positions at Fagalde Albertoni and Flores LLP from 2007 to 2010, including counsel, associate and law clerk, and was a redevelopment associate at the City of Merced Office of Economic Development from 2003 to 2007. Ramirez earned a Juris Doctor degree from the San Joaquin College of Law.

Nancy Wright, of Whitewater, has been reappointed to the Colorado River Basin Regional Water Quality Control Board, where she has served since 2012 and served from 2000 to 2007. Wright has been co-owner at Peter Wright General Contractor since 1977. Wright is a member and past president of the Mission Springs Water District Board of Directors, where she has served since 1988.

Eric Sandel, of Truckee, has been reappointed to the Lahontan Regional Water Quality Control Board, where he has served since 1992. Sandel has held several positions at S.A. Engineering since 1978, including principal and engineer. He is a licensed professional engineer.

Charles Stringer, of Los Angeles, has been reappointed to the Los Angeles Regional Water Quality Control Board, where he has served since 2010. Stringer has been principal and general counsel at the Renewable Resources Group since 2006. He was founder and owner at the Law Offices of C. M. Stringer from 2001 to 2006 and was senior legal and policy advisor at the Northwest Indian Fisheries Commission from 1999 to 2001. Stringer was senior assistant tribal attorney for the White Mountain Apache Tribe from 1996 to 1998 and assistant regional counsel at the U.S. Environmental Protection Agency, Region 10 from 1992 to 1996. He was an associate at Short Cressman and Burgess from 1989 to 1992. Stringer earned a Master of Public Administration degree from the Harvard University, Kennedy School of Government and a Juris Doctor degree from the University of Minnesota Law School.

Lawrence Yee, of Ojai, has been reappointed to the Los Angeles Regional Water Quality Control Board, where he has served since 2012. He was president and coordinating director at the national Food Commons from 2010 to 2015, a national program leader for food marketing systems innovations at the U.S. Department of Agriculture from 2003 to 2004 and served in several positions at the University of California Cooperative Extension from 1975 to 2008, including director of the University of California Cooperative Extension, Ventura County and director of the University of California Hansen Trust. He earned a Master of Business Administration degree in agribusiness from Santa Clara University.

Gregory Giusti, of Kelseyville, has been reappointed to the North Coast Regional Water Quality Control Board, where he has served since 2013. Giusti has been an advisor and director emeritus of forest and wildlands ecology at the University of California Cooperative Extension since 2017, where he was an advisor and director of forest and wildlands ecology from 1985 to 2017. He was an agricultural biologist at the San Mateo County Department of Agriculture from 1981 to 1985 and chief biologist at the Marine Ecological Institute from 1979 to 1981. He earned a Master of Arts degree in ecology and population biology from San Francisco State University.
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<thead>
<tr>
<th>2018 Life Members</th>
<th>Business Position</th>
<th>Company Name</th>
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<tbody>
<tr>
<td>Charles Aldrich, P.E., M.ASCE</td>
<td>Principal Engineer</td>
<td>Aldrich Geotechnical</td>
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<tr>
<td>Donald Gene Archer, P.E., M.ASCE</td>
<td></td>
<td>POM, Inc.</td>
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<tr>
<td>Allen Edward Blodgett, G.E., P.E., M.ASCE</td>
<td>Principal Engineer</td>
<td>AECOM</td>
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<tr>
<td>Frank J. Brandauer, P.E., M.ASCE</td>
<td>VP Regulatory Affairs</td>
<td>Avery Dennison</td>
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<tr>
<td>William R. Brownlie, P.E., M.ASCE</td>
<td>Sr Vice Pres</td>
<td>Tetra Tech Inc.</td>
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<tr>
<td>James Arthur Cathcart, P.E., L.S., F.ASCE</td>
<td>Senior Principal</td>
<td>Stantec</td>
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<tr>
<td>Robert Louie Chen, Ph.D., P.E., M.ASCE</td>
<td>Chief Engineer Project Manager</td>
<td>Parsons Brinckerhoff Inc.</td>
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<tr>
<td>Yen-Hsu Chen, P.E., M.ASCE</td>
<td>Principal Project Manager</td>
<td>Tetra Tech Inc.</td>
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<tr>
<td>Steve Paul Chenot, P.E., M.ASCE</td>
<td>Senior Associate</td>
<td>Marx Okubo &amp; Associates Inc.</td>
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<tr>
<td>James Howard Clark, P.E., F.ASCE</td>
<td>Senior Vice President</td>
<td>Black &amp; Veatch</td>
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<tr>
<td>William A. Cook, P.E., M.ASCE</td>
<td></td>
<td>Hill International</td>
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<tr>
<td>Sean G. Corrigan, P.E., F.ASCE</td>
<td>City Engineer/ Public Works Director</td>
<td></td>
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<tr>
<td>Pamela Gene Cosby Brandman, P.E., M.ASCE</td>
<td>Practitioner</td>
<td>The Brandman Group</td>
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<tr>
<td>Joseph A. Cylwik, M.ASCE</td>
<td>Owner, Wireless Consulting</td>
<td>Wireless Consulting</td>
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<tr>
<td>John Gordon Diehl, P.E., M.ASCE</td>
<td>President</td>
<td>GEOVision Inc.</td>
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<tr>
<td>Robert Bruce Doxsee, P.E., M.ASCE</td>
<td>Civil Engr Assoc</td>
<td></td>
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<tr>
<td>Richard Murray Drake, P.E., S.E., M.ASCE</td>
<td>Senior Fellow</td>
<td>Fluor</td>
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<tr>
<td>Joe Chi-Ho Dyer, P.E., M.ASCE</td>
<td>Assistant City Engineer</td>
<td>City of Chino Hills</td>
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<tr>
<td>Robert Clifford Everson, P.E., M.ASCE</td>
<td>Principal Engineer</td>
<td>Fluor Enterprises Inc.</td>
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<tr>
<td>Daniel L. Feger, P.E., M.ASCE</td>
<td>Director of Development Service</td>
<td>Bob Hope Airport</td>
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<tr>
<td>Joseph Stuart Gaugush, P.E., M.ASCE</td>
<td>Retired</td>
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<tr>
<td>Thomas E. Grant, P.E., M.ASCE</td>
<td></td>
<td>Orange County Sanitation District</td>
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<tr>
<td>Kenneth K. Hatai, P.E., M.ASCE</td>
<td>Senior Tr Engineer</td>
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<tr>
<td>Michael H. Jones, P.E., M.ASCE</td>
<td>Associate VP</td>
<td>HNTB</td>
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<td>Principal Engineer</td>
<td>Comtech Research</td>
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<td>Mark Alan Komoto, P.E., M.ASCE</td>
<td>Senior Project Manager</td>
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<td>Pacific Soils Engineering, Inc.</td>
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<td>Dante A. Masnada, P.E., L.S., M.ASCE</td>
<td>Retired</td>
<td>Castaic Lake Water Agency</td>
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<td>Juergen Milczewsky, P.E., M.ASCE</td>
<td>Principal Engineer</td>
<td>J Milczewsky &amp; Associates</td>
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<td>Tomas Enrique Molina, P.E., M.ASCE</td>
<td>Senior Project Manager</td>
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<td>Joel Olmos, P.E., M.ASCE</td>
<td>Engineering Manager</td>
<td>Ameron Water Transmission Group</td>
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<td>Jerry L. Phillips, P.E., M.ASCE</td>
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<td>Phillips Specialty Paving</td>
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<td>Gary N. Plunkett, P.E., M.ASCE</td>
<td>Senior Construction Manager</td>
<td>Jacob's</td>
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<td>Hannes Herbert Richter, P.E., M.ASCE</td>
<td>Principal Geotechnical Engineer</td>
<td>Stoney-Miller Consultants</td>
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<td>John F. Rochford, P.E., F.ASCE</td>
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<td>David John Rose, M.ASCE</td>
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<td>Bruce Steven Russell, P.E., M.ASCE</td>
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<td>Douglas J. Sereno, P.E., D.PE, ENV SP, F.ASCE</td>
<td>Retired</td>
<td>City of Los Angeles</td>
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<td>Reza Shahmirzadi, P.E., S.E., M.ASCE</td>
<td>Program Manager</td>
<td>Caltrans</td>
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<td>Ramakrishna Reddy Tadi, P.E., M.ASCE</td>
<td>District Permit Engineer</td>
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<td>Stephen F. Taylor, P.E., M.ASCE</td>
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Cordially Invites You to the
LIFE MEMBER BRUNCH
March 3, 2018

In honor of those members who have advanced to
Life Member status in the society and in recognition of their career achievements.

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Robin Kemper P.E., LEED AP, F.SEI, F.ASCE

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Lunch: Chicken Chardonnay, Vegetarian available

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San Francisco War Memorial & Performing Arts Center
Valerie Quinto, of Petaluma, has been reappointed to the North Coast Regional Water Quality Control Board, where she has served since 2014. Quinto has been executive director at the Sonoma Resource Conservation District since 2017, where she has held several positions since 2008, including program director, conservation project manager and project coordinator.

Lana Peterson, of Orange, has been reappointed to the Santa Ana Regional Water Quality Control Board, where she has served since 2016. Peterson has been director of public affairs at the Kaiser Permanente Downey Medical Center since 2017, where she has held several positions since 2010, including senior public affairs representative and senior communications specialist. She held several positions at Cox Communications from 2004 to 2010, including senior communications specialist, communications specialist and public relations coordinator. She earned a Master of Business Administration degree from Chapman University.

Daniel Selmi, of Newport Beach, has been reappointed to the Santa Ana Regional Water Quality Control Board, where he has served since 2016. Selmi has been a professor of law at Loyola Law School, Los Angeles since 1983. He was a deputy attorney general in the California Department of Justice, Office of the Attorney General from 1983 to 1986. Selmi earned a Master of Public Administration degree from the Harvard University, Kennedy School of Government and a Juris Doctor degree from the Santa Clara University School of Law.

Betty Olson, of Trabuco Canyon, has been reappointed to the San Diego Regional Water Quality Control Board, where she has served since 2014. Olson has served as a professor in the Department of Civil and Environmental Engineering at the University of California, Irvine School of Engineering since 2006. She was a professor in the Department of Environmental Health, Science and Policy at the University of California, Irvine School of Social Ecology from 1974 to 2006. Olson earned a Doctor of Philosophy degree and a Master of Science degree in environmental health science from the University of California, Berkeley.

Stefanie Warren, of San Diego, has been reappointed to the San Diego Regional Water Quality Control Board, where she has served since 2013. Warren has been an attorney at Dentons since 2006. She was a law clerk for the Honorable Irma E. Gonzalez at the U.S. District Court, Southern District of California from 2005 to 2006. Warren earned a Juris Doctor degree from the Emory University School of Law.

Newsha Ajami, of San Francisco, has been reappointed to the San Francisco Bay Regional Water Quality Control Board, where she has served since 2013. Ajami has been director of urban water policy at Stanford University's Stanford Woods Institute for the Environment since 2012. She was senior research associate at the Pacific Institute from 2011 to 2012, a California Council on Science and Technology policy fellow at the California State Senate Natural Resources and Water Committee from 2010 to 2011 and a research consultant at Berkeley Economic Consulting Inc. from 2007 to 2010. Ajami was a postdoctoral researcher at the University of California, Berkeley from 2005 to 2009. She earned a Doctor of Philosophy degree in civil and environmental engineering from the University of California, Irvine and a Master of Science degree in hydrology and water resources from the University of Arizona.

James McGrath, of Berkeley, has been reappointed to the San Francisco Bay Regional Water Quality Control Board, where he has served since 2007. He was manager of the Port of Oakland Environmental Department from 1990 to 2005, a coastal protection analyst at the California Coastal Commission from 1976 to 1990 and an environmental protection specialist for the U.S. Environmental Protection Agency from 1971 to 1976. McGrath earned a Master of Science degree in civil engineering from the University of California, Berkeley.

Joseph Wall, of Sacramento, has been appointed special assistant for climate change at the California Natural Resources Agency, where he has served in several positions since 2015 assisting in the development and implementation of the state’s strategies for the adaptation to and reduction of impacts associated with climate change, including as an associate governmental program analyst and as a staff services analyst. Wall was an executive fellow at the California Natural Resources Agency from 2014 to 2015.
MATERIALS SUBMISSION INFORMATION

All graphic materials submitted for use in the ASCE newsletter should have all fonts outlined, and links included; EPS or PDF files preferred. Other formats are Adobe InDesign or Adobe Illustrator (any version); additional acceptable file formats are JPEG or TIFF files (minimum 300 dpi). Images embedded in Microsoft Word documents should be sent separately, at a minimum resolution of 300 dpi at the display size desired. Collected files, including links and fonts, should be compressed and e-mailed, or sent on CD or Zip disk (provide return address). Business cards can be submitted electronically as well, or send clean, crisp, B&W laser print, unfolded. This publication’s size is 8½" x 11".