



Table of Contents

President's Message 1

Calendar of Events 1

Legislative Visit Day: Wednesday May 15, 2019 2

April 18, 2019 Meeting– Young Professionals Career Advice 3

Assembly Bill Addressing Government Code 1090 Reform 3

ACEC /Calmentor March Meeting Recap 4-5

President's msg. cont. 6

New Member Profile

Hydroscienc Engineering 6

Chapter Firm Profile– MWA 7

Board of Directors 8

Ken Kerri Luncheon Flyer 9

Young Professional Meeting Flyer—April 18 10

President's Message

In last month's newsletter I wrote about the importance of supporting and encouraging young students to join the engineering profession. ACEC in general, and our chapter in particular has been very supportive of the idea of nurturing the new generation of engineers and land surveyors through scholarships, donations, and other financial support systems. Today I want to talk about engaging the future leaders of the profession.

If you are a regular attendee of our meetings, you certainly did notice that the events are mostly frequented by white haired folks (may be some black and some salt and pepper). As an organization we want to see young professional who are going to be the future leaders of our profession get involved. No organization can survive and continue its functions without a plan for succession. It's important for the future leaders of engineering companies to understand that our profession is affected by public policies and politics, some of which are beyond our control. But we have the power to influence through campaign and bringing awareness to the policy makers about our profession and the issues that affect us. Legislative Visit Day is one such event and I would encourage our members to attend it.

Our future leaders need to develop an understanding of the political issues that face our industry today and the policies that will have influence in the future. They also need to understand the processes that we use to protect the interest of our profession and our ability to provide valuable services in an effective manner. Chapter meetings

(Continued on page 6)

Calendar of Events

Meetings are at the Hilton Sacramento Arden West unless otherwise noted.
Member Cost: \$40 - Non-Member \$50

Wednesday April 17

Ken Kerri Endowment Luncheon

Speaker:

Dr. George Tchobanoglous

(see attached flyer)

Thursday April 18, 2019

Monthly General Membership and BOD **LUNCH** Meeting

Young Professionals Forum

Presenter:

Panel Discussion – Career Advice for Young Engineers

[Register Here](#)

Wednesday May, 15, 2019

Legislative Visit Day

Citizens Hotel, Sacramento, CA

[Register Here](#)

Wednesday June 5, 2019

Monthly General Membership and BOD Meeting

Agency Excellence Awards Presentation

Presenter: TBD

Please visit www.acec.org for a complete list of upcoming webinars and on-line classes



Debanik Chaudhuri
Sierra Chapter President
2018-2019

Register for ACEC Legislative Visit Day: Wednesday May 15, 2019!

By: Marco Palilla, Director and Grassroots Chair



Our annual ACEC Legislative Visit Day is next month on Wednesday, May 15th. This is our annual opportunity to meet with state legislators (Assembly and Senate) and promote our consulting engineer and land surveying agenda. The Sierra Chapter always brings a large and active group of volunteers and as your Grassroots Chair, I want to continue our tradition. I registered a few weeks ago and encourage you to do the same. An overview of the day's activities is below:

7:30 AM – 10:00 AM	Opening Presentation & Issues Breakfast The Citizen Hotel - Metropolitan Terrace
10:15 AM – 11:45 AM	Capitol Appointments State Capitol
10:15 AM – 11:00 AM	1-hour Legislative Training Session The Citizen Hotel – Metropolitan Terrace
12:00 PM - 1:15 PM	Legislative Luncheon The Citizen Hotel - Metropolitan Terrace
1:30 PM - 4:45 PM	Capitol Appointments State Capitol
1:30 PM – 2:30 PM	1-hour Legislative Training Session The Citizen Hotel – Metropolitan Terrace
5:00 PM - 7:00 PM	Legislative Reception Brasserie Capitale

Use this link to register: https://www.acec-ca.org/event/LVD_2019

See you at the Capitol!



April 18, 2019 Meeting- Young Professionals Career Advice Panel Discussion

By: Landon Blake, ACEC Director

We are hosting our second annual Career Advice For Young Professionals Panel Discussion at our April Meeting. (Please note this is not a standard Wednesday Dinner Meeting. It will be held on Thursday afternoon at the Hilton). Panel members are Tom Sell (Sage Engineering), Scott Lillibridge (Rick Engineering), Lynn Toth (City of Rocklin) and Nancy Walker (Kleinfelder). We are very pleased to have a diverse panel with members of both the public sector and private sector. This meeting is a great opportunity to expose a young professional in your organization to the benefits of ACEC at the local chapter level. We are encouraging all of our member firms to attend the panel with a young professional as their guest.

Members of the panel will answer these 3 questions (as well as questions from the audience):

- What is the most important career advice you would give a young engineer or land surveyor?
- What is the biggest challenge you faced in your career as an engineer or land surveyor, and what did you learn from it?
- What skills or characteristics are the most important for a young civil engineer or land surveyor to possess in today's employment market?

ACEC-CA Sponsors Assembly Bill to Address Government Code 1090 Reform

By Marco Palilla, Director and Grassroots Chair



Increasingly, consulting firms are being subjected to the rigors of Government Code 1090, since AB 1090 (2013) came into effect and gave the FPPC authority to give their

opinion on issues and transactions related to Government Code 1090. Existing law also makes local government attorneys (in house or outside counsel) liable as “aiders and abettors” in those violations. As a safeguard, local government attorneys are relying heavily on FPPC opinions for Government Code 1090 issues on public works projects.

ACEC California has sponsored legislation this year, AB 626 (Quirk-Silva), to provide Continuity of Services reform to

the state's conflict of interest statute. For those that may not have been affected yet, the code can be interpreted and used to bar firms from participating on later phases of a public agency project simply for having worked on an earlier phase. Put simply, if you perform any planning studies on a specific project, you can be conflicted out of doing design or construction management services, thus depriving the public of the most excellent and safest infrastructure possible, as well as potentially increasing project cost.

We will be educating legislators on this topic when we attend Legislative Visit Day in May. For more information, use this link:

www.acec-ca.org/general/custom.asp?page=AB626

Or reach out to Tyler Munzing, ACEC-CA Director of Government Affairs tmunzing@acec-ca.org

Joint ACEC Sierra Chapter/Calmentor North Region Meeting - March Dinner Meeting Recap

By Scott Lillibridge, Director



Pictured Left to Right: Mark Rayback (Wood Rodgers), Brad Diede (ACEC-CA), Andy Alvarado (Caltrans), Mark Lonergan (Regional Transit), Luke McNeel-Caird (PCTPA), Lucinda Willcox (City of Sacramento)

For our March dinner meeting we were fortunate to be joined by the North Region members of the Calmentor program. Calmentor is a program supported by Caltrans' Division of Engineering Services in partnership with ACEC to promote small business contracting with the State of California. (Use the following link for more program info: http://www.dot.ca.gov/hq/esc/calmentor_program/index.htm)

Our program consisted of a distinguished panel of guests discussing the defeat of Prop 6 (intended to repeal Senate Bill 1, the Road Repair and Accountability Act of 2017), the current status of projects and future projects planned for SB1 funding. The panelists included:

Andy Alvarado, Division Chief, Caltrans North Region Construction
 Mark Lonergan, Chief Operating Officer, Regional Transit
 Luke McNeel-Caird, Deputy Executive Director, Placer County Transportation Planning Agency
 Lucinda Willcox, Program Manager, City of Sacramento, Department of Public Works

The moderators were:

Brad Diede, Executive Director, ACEC-CA
 Mark Rayback, Vice President, Wood Rodgers

Each panelist gave a short presentation and then fielded questions presented by our moderators as well as the ACEC and Calmentor members in attendance. Some highlights from the presentations were:

Approximately \$54B in transportation improvements will be constructed over the next 10 years. About 50% of these will be Caltrans projects and ~50% will be local agency projects.

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By 2027, Caltrans will repair or replace: 17,000 miles of pavement; 55,000 culverts or drains; 7,700 signals, signs and sensors; and 500 bridges.

Regional Transit (RT) will be using SB1 funding to replace its fleet of 220 buses and start the transition to zero emission vehicles. RT will also be acquiring low floor trains to increase accessibility.

The zero emission vehicles and low floor trains will require RT to upgrade its infrastructure to add charging stations and improve its existing 50+ light rail stations.

Other RT planning projects include: possible light rail extensions to Elk Grove, Sacramento International Airport and West Sacramento; Micro Transit Service; Outreach initiatives

Placer County Transportation Planning Agency (PCTPA) will be ramping up efforts to increase the number of round trips served by the Capitol Corridor rail line currently operating between Auburn and Downtown Sacramento.

PCTPA is also working on:

- Coordination of the Regional Bike Trail System between Placer and Sacramento Counties

- Completion of the Highway 49 Sidewalk Gap Closure Project

- Phase 1 of I-80/SR 65 Interchange and widening of SR 65

- Potential creation of a South Placer Transportation Sales Tax District

Ms. Willcox reminded us that the City of Sacramento (City), while not growing outward much, is over 175 years old and has a significant amount of infrastructure in continual need of maintenance and repair.

The City's "Transportation Trends and Priorities" are:

- Scarcity of funding

- Safety

- Disruptive technology

 - TNCs, AVs, EVs, Micro-transit, Shared rideables

- Greenhouse gas reductions

 - Accommodate infill and redevelopment

 - Incorporate other means of travel

- Rethink transportation priorities

City initiatives and projects include:

- Vision Zero

 - Philosophy that all traffic accidents are preventable incidents

 - High Injury Network (HIN) identified where 79% of all crashes occur on just 14% of Sacramento roadways

 - Identify improvements along the Top 5 Corridors and 20 schools along the HIN that can be implemented quickly

- Complete Streets projects

 - Future Major Projects: I Street Bridge Replacement; Richards/I-5 Interchange reconstruction; New 14th Avenue Extension

If you would like the link to view the panelists PowerPoint presentations, please contact Debbie LoCicero at:

dlocicero@acec-ca-sierra.org.

Presidents Message Cont.

Continued from page 1

are a great way to learn about current issues. To encourage involvement of young folks, our April meeting will feature Young Professional Forum. I would encourage all our members to send at least one young professional from your organization to our April meeting. It would be even better if you could accompany them and show them the ACEC way. **Please note that our April 18th meeting will be on a Thursday instead of usual Wednesday and it's a lunch meeting.**

Last month's dinner meeting (Joint with Calmentor) was a very successful one – a well-attended event with valuable information from local and state transportation agencies

and great panel discussion on the benefits of SB1 funding. The success of the event was due to the hard work and behind-the-scene planning by several individuals, including our current vice president, Kevin Gustorf, our past vice president, Kathy Wickam, Jenna Matsumoto and Gina Reiland of Calmentor.

Spring is here, and by the time summer rolls in our working year will come to an end. Our last event of the year will be our chapter's First Agency Excellence Awards Event. We have received several nominations already, but a few more will make the event even better. **We need your help to make this event successful.**

See you all on April 18th at our next meeting!

New Member Profile – HydroScience Engineers, Inc.

By Kevin Gustorf, Chapter Vice President



Please welcome the newest member of the Sierra Chapter, HydroScience Engineers, Inc. HydroScience is a full-service civil engineering firm that provides planning, design and construction phase services for water, wastewater and recycled water projects and related civil

engineering projects. HydroScience offers a wide range of engineering services, including studies, modeling, planning, permitting, detailed design, and construction support for both public and private clients. HydroScience has provided clients with high-quality, dependable engineering services since 1997. Welcome to the Chapter, HydroScience! www.hydroscience.com

ACEC Sierra Chapter Firm Profile



Whitethorn Ranch—Strawberry, CA



Lake Wildwood Clubhouse—Penn Valley,



Martis Camp Home - Truckee, CA

MWA, inc. - Architecture and Engineering is a medium sized award winning firm that creates unique custom designs for our client's homes and private commercial projects. We are an experienced firm with youthful energy and a proven track record of client satisfaction with over two thousand projects since our inception in 1985. Our designs range from mountain rustic to traditional to modern to meet our client's needs. Our staff currently holds Architecture, Engineering and Interior Design licensed in California, Nevada and Idaho with most of our projects in and around Truckee and Lake Tahoe. Our firm takes pride in maintaining a professional presence while operating as a casual, down to earth company with a sense of humor. Our office is a fun think tank environment with dogs asleep on the floor and music thumping. We choose to live in the mountains for the high quality of life and our happiness shows in our work.

At MWA, inc., our goal is to build strong relationships between the owner, builder and design team. We listen to what our clients say and guide them with our experience to help them weigh-off the multitude of options, factoring aesthetics, function, environment, long-term vs short-term costs, marketability, flexibility, and user satisfaction through the ages. We collaborate with some of the best builders and craftsmen in the area to create high quality results. Our goal for every project is a happy client and a responsibility to the community, the environment, the user, and the soul.

Company contact information:

- MWA, Inc. Architecture-Engineering
- 11165 Brockway Road, Suite 1
- Truckee, CA 96161
- PH (530) 587-6257
- www.mwa-truckee.com
- Contact: Donovan C. Rae, P.E. - Principal Engineer/Structural Supervisor
- donavan@mwa-truckee.com

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GET NOTICED IN THE SIERRA CHAPTER NEWSLETTER!

Would you like to see YOUR FIRM listed in this Newsletter?

ACEC-CA/Sierra Chapter firms in good standing are invited to submit a company profile for inclusion in this newsletter. **Firms that have not been featured in the last two years are invited to participate again.** Contact Kevin Gustorf, Vice President, for submission details.

Point of Contact:

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(Wood Rodgers)
kgustorf@woodrodgers.com



AMERICAN COUNCIL OF ENGINEERING COMPANIES
California

Debbie LoCicero

**Recording Secretary
Newsletter Editor**

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KENKERRI

Endowment Fund

Advancing Educational Excellence in Civil Engineering

11th
ANNUAL
LUNCHEON



DISCUSSING

Wastewater in the 21st Century:
Challenges, Trends and Opportunities

KEYNOTE SPEAKER |

UC Davis Professor Emeritus
George Tchobanoglous

LIMITED SEATING
RSVP
ENCOURAGED

17

WEDNESDAY, APRIL

LOC. SACRAMENTO STATE
ALUMNI CENTER

TIME 11:30 AM - 1:30 PM



SACRAMENTO STATE
Department of Civil Engineering

For info, please contact: Ashley Mihok at
(916) 278-6982 or ashley.mihok@csus.edu

www.ecs.csus.edu/ce

ACEC CALIFORNIA – SIERRA CHAPTER

CAREER ADVICE FOR YOUNG PROFESSIONALS

A PANEL DISCUSSION

APRIL 18, 2019

SACRAMENTO, CALIFORNIA

PANEL MEMBERS

Our panel members have over 100 years of combined experience in the engineering and surveying profession. The panel members include:

- Tom Sell (Sage Engineering)
- Scott Lillibridge (Rick Engineering)
- Lynn Toth (City of Rocklin)
- Nancy Walker (Kleinfelder)

PANEL QUESTIONS

Our panel will answer these questions during their discussion:

- #1: What is the most important career advice you would give a young engineer or land surveyor?
- #2: What is the biggest challenge you faced in your career as an engineer or land surveyor, and what did you learn from it?
- #3: What skills or characteristics are the most important for a young civil engineer or land surveyor to possess in today's world?

BRING YOUR OWN

We encourage young professionals that will be attending the lunch to submit their own questions for our panel. You can send questions to kgustorf@woodrogers.com.

[Register Here](#)