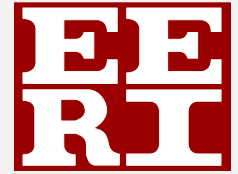


# 2017 ANNUAL REPORT

## Sacramento Chapter

### of the Earthquake Engineering Research Institute

Report Date: January 25, 2018



This report summarizes the membership and activities conducted by the Sacramento Regional Chapter of the Earthquake Engineering Research Institute during 2018.

#### MISSION & GOALS

The purposes and mission of the Sacramento Chapter are as follows:

- Foster professional, educational, and societal activities aimed at understanding earthquake hazards and reducing risk in the Sacramento Area
- Create interdisciplinary organization in which relationships are built and information is shared
- Advance science and practice of earthquake engineering
- Improve understanding of the impact of earthquake on physical, social, economic, political, and cultural environments
- Advocate comprehensive and realistic measures for reducing the harmful effects of earthquakes

In pursuit of this mission the Sacramento Chapter has established the following goals for 2018-2019:

- Hold at least 8 monthly meetings per year on topics related to the science and practice of earthquake engineering and understanding earthquake hazards and risks within the Sacramento Area.
- Hold one to two joint meetings with local organizations with related interests (ASCE, AEG, SEA OCC)
- Conduct one field trip by end of 2019
- Maintain website content and add new events/activities throughout the year
- Develop, support, and expand work of the Earthquake Reconnaissance Committee
- Hold first annual elections in October 2018
- Provide ongoing support to local student chapters (CSUS, UC Davis) including networking opportunities, fundraising support, and leadership opportunities.

#### MEMBERSHIP SUMMARY

The Sacramento Regional Chapter had a total of 6 members in 2017 as the chapter was recently organized and previously most members associated with other chapters. We anticipate that many of those currently attending meetings will register with the recently organized chapter in the upcoming year.

#### OFFICERS

The Board consisted of the following members (provisionally appointed pending elections to be held in October, 2018):

Role	Name	Affiliation	Email
President	Zia Zafir	Kleinfelder	<a href="mailto:ZZafir@kleinfelder.com">ZZafir@kleinfelder.com</a>
Vice President	Julie Fogarty	California State University, Sacramento	<a href="mailto:fogarty@csus.edu">fogarty@csus.edu</a>

<b>Role</b>	<b>Name</b>	<b>Affiliation</b>	<b>Email</b>
Secretary-Treasurer	Alexander Wright	Kleinfelder	<a href="mailto:awright9geo@gmail.com">awright9geo@gmail.com</a>
Director	Jennifer Thornburg	California Geological Survey	<a href="mailto:Jennifer.thornburg@conservation.ca.gov">Jennifer.thornburg@conservation.ca.gov</a>
Director	Position Pending	--	--
Ex-Officio Director	Kylie Ahlstrand (Appointed Jan. 2018)	California State University, Sacramento (Student)	<a href="mailto:Kylie.ahlstrand@gmail.com">Kylie.ahlstrand@gmail.com</a>

The chapter was organized on June 6, 2017, with chapter bylaws approved by the EERI Board of Directors. Local Board meetings were held in June and August of 2017.

## BUDGET & FINANCIALS

The chapter was originally organized on June 6, 2017. At that time the chapter started with an initial budget of \$0.00. Follow activities completed during 2017, with all expenditures and income accounted for, the chapter finished the year with a budget of \$338.56. Expenditures for the year totaled \$1,731.44 and income totaled \$2,070.00 with the primary source of revenue being the dinner meeting held in October of 2017.

## CHAPTER ACTIVITIES

### REGULAR CHAPTER MEETINGS

Chapter meetings of the Sacramento Chapter are typically held on the fourth Thursday of each Month. Meetings are typically held at Kleinfelder in Rancho Cordova or at the California State University – Sacramento, or similar venues. Meetings typically last one to one and a half hours and are free and open to all to encourage participation.

#### **MARCH CHAPTER MEETING**

Thursday, March 23, 2017

Venue: Kleinfelder Office, 2882 Prospect Park Drive, Rancho Cordova, CA

“Earthquake Strong Motion – Measurement to Analysis”

Speaker:

- Anthony (Tony) Shakal, Supervising Geologist, California Geological Survey

Attendance: 15 est.

#### **APRIL CHAPTER MEETING**

Thursday, April 27, 2017

Venue: California State University Sacramento

“California's New Earthquake Early Warning System – and Why we are Different”

Speaker:

- John G. Parrish, State Geologist, California Geological Survey

Attendance: 25 est.

#### **AUGUST CHAPTER MEETING**

Thursday, August 24, 2017

Venue: Kleinfelder Office, 2882 Prospect Park Drive, Rancho Cordova, CA

“Unified Design Method (AKA Natural Plane Method) for Piles in Liquefied Soils”

Speaker:

- Tom Farrell, Owner, Farrell Design Build

Attendance: 9 est.

### **SEPTEMBER CHAPTER MEETING**

Thursday, September 28, 2017

Venue: Miyamoto International, Inc., 1450 Halyard Drive No. 1, West Sacramento, CA  
"Global Earthquake Disasters and Solutions for California"

Speakers:

- Tsutomu (Tom) Nifuku, Project Engineer, Miyamoto International, Inc.

Attendance: 35 est.

### **OCTOBER CHAPTER DINNER MEETING – JOINT MEETING WITH SACRAMENTO ASCE GEO INSTITUTE**

Thursday, October 26, 2017

Venue: Blue Prynt Restaurant, 815 11<sup>th</sup> Street, Sacramento, CA  
"Seismic Response of Silty Soil Sites"

Speaker:

- John Bray, Professor, University of California Berkeley

Attendance: 81 est.

### **NOVEMBER CHAPTER MEETING**

Thursday, November 23, 2017

Venue: California State University Sacramento  
"Earthquake Early Warning and Emergency Response"

Speaker:

- Ryan Arba, Program Manager, California Office of Emergency Services

Attendance: 12 est.

### Stakeholder Training Workshop

The Sacramento Chapter participated in the Stakeholder Training Workshop held at CGS Headquarters in Sacramento, CA. As a result of this workshop the chapter is looking into ways to participate at a local level in earthquake reconnaissance.

### COMMUNICATIONS

The Sacramento Chapter utilizes several different forms of communication as follows:

- Website: <https://sacramento.eeri.org/>
- Chapter Membership Communications: [eeeri-sacramento-members@googlegroups.com](mailto:eeeri-sacramento-members@googlegroups.com)
- Board Communications: [eeeri-sacramento@googlegroups.com](mailto:eeeri-sacramento@googlegroups.com)
- Flyers – created monthly for various events and posted on the chapter website and emailed to the local membership.

### STUDENT CHAPTER COORDINATION

All activities are coordinated with California State University – Sacramento's EERI Student Chapter. In addition, a position has been created within the board to be filled by a younger professional or student chapter representative so that student and younger members may participate in local Board meetings to promote additional coordination between the students and younger professionals and the local professional chapter.

## ELECTION & ELECTION RESULTS

As the chapter was just organized our first round of elections have not yet been held. We anticipate holding our first elections in October of 2018 consistent with the requirements of our Bylaws.

## 2018-2019 GOALS

### Membership

The chapter plans to continue to promote local membership in the chapter with a target of 35 active members by the end of 2018. This will be done by providing information on the chapter website and in chapter meetings regarding how to register and what costs are associated with local chapter registration. We also anticipate that upcoming joint activities with other local organizations as well as on-going chapter activities will promote membership in the upcoming year.

### Chapter Meetings and Ongoing Activities

The chapter plans to hold at least 8 meetings in 2018 with at least one or two of these meetings held as joint meetings with other local organizations. The chapter also plans to explore the possibility of a field trip in the 2018/2019 calendar years, possibly as a joint activity. The chapter has organized and will continue to support the recently organized Speakers and Meetings (SAM) committee in developing local chapter meetings and activities.

### Chapter Initiatives

During 2017 two separate committees were organized with final approval for their organization anticipated at the next local Board meeting.

- Earthquake Reconnaissance Committee (Chair: Fred Turner)
- Speaker and Meetings (SAM) Committee (Chair: Bob Anderson)

In addition, the chapter is actively engaged in developing and supporting the local student chapters of EERI, with the current focus mostly on the CSUS Student Chapter.

## CHAPTER NEEDS AND REQUESTS FOR THE BOARD OR EERI STAFF

Please provide regular (quarterly or semi-annual) update to the chapter membership and budget to the Secretary/Treasurer.