



2014-2015 ANNUAL REPORT

University of California, San Diego Student Chapter of the Earthquake Engineering Research Institute

Report Date: June 23, 2015

This report summarizes the membership and activities conducted by the University of California, San Diego Student Chapter of the Earthquake Engineering Research Institute during the 2014-2015 academic year.

MISSION & GOALS

The UC San Diego student chapter aims to give students in the field of earthquake engineering the tools to enrich their academic careers by providing opportunities for further education, networking with professionals, socializing with peers and participating in extracurricular activities.

MEMBERSHIP

The University of California, San Diego Student Chapter had a total of 25 members in 2014-2015.

OFFICERS

The Board consisted of the following members:

Role	Name	Email	Student Status
President, EERI Student Chapter	Michelle Chen	mcchen@ucsd.edu	Graduate student
SDC Project manager	Alynn Sun	lsun@ucsd.edu	Undergraduate student

FACULTY & INDUSTRY ADVISORS

Lelli Van Den Einde

Gilberto Mosqueda

Jorge Meneses

CHAPTER ACTIVITIES

DISTINGUISHED LECTURE VISIT

A seminar given by Dr. Annie Kammerer was given on January 12, 2015 at UC San Diego. The title of this presentation was "Seismic Design and Re-Evaluation of Nuclear Plants: Past, Present and Future". The EERI student chapter hosted a coffee hour following this seminar in which the distinguished lecturer was scheduled to socialize and meet with graduate students. Coffee, tea and snacks were provided by EERI for this event.

COFFEE HOURS

EERI student chapter hosted several structural engineering coffee hours in conjunction with the structural engineering graduate student organization. The events followed graduate seminars in which a distinguished guest gave a presentation on various structural engineering topics. The SE coffee hours were hosted to promote discussion between graduate students and the speaker and to provide a social break for graduate students in the middle of the day. Coffee, tea, hot chocolate, healthy snacks and pastries were provided for the guest and students at these events. The dates for the coffee hours were: May 18, 2015, April 14, 2015, January 12, 2015.

MEETINGS, EVENTS and COLLABORATION WITH SD CHAPTER

A monthly meeting was held during the first Wednesday of each month. This meeting was attended by the student chapter members as well as the EERI SD chapter officers and some members. The meetings consisted of discussing past and future events, and provided a time to collaborate with the San Diego chapter and an opportunity to participate in any events they were planning.

The EERI graduate student chapter was encouraged to attend the San Diego chapter meetings and events and participate in activities with the professional chapter. The purpose of collaborating with the San Diego chapter was to network with local academic and industry professionals working in the field of earthquake engineering, attend lectures or presentations by distinguished speakers, and participate in workshops, planning committees and dinner meetings with the SD chapter. The student chapter also helped with the planning of some of the events, including the 1st Workshop in geotechnical earthquake engineering and all of the meetings and events related to the San Diego-Tijuana earthquake scenario.

The events attended by the EERI student chapter included:

- SEAOSD January joint dinner meeting with EERI in which Dr. Jose Restrepo presented "10 Years of Research Achievement of the NEES-UC San Diego Shaking Table" on January 21, 2014.
- The San Diego-Tijuana earthquake scenario stakeholder dinner;
- 1st Workshop in geotechnical earthquake engineering: liquefaction evaluation, mapping, simulation and mitigation – an all day workshop event on Friday September 12, 2014
- EERI San Diego-Tijuana earthquake scenario planning workshop – an all day workshop on January 24, 2015.
- Follow up meeting for San Diego-Tijuana earthquake scenario planning workshop on Feb 27, 2015
- Feb. 2015 Joint Lunch meeting EERI and ASCE with David Wald from USGS. "Challenges in Estimating Real-time Earthquake Shaking & Impact"
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SEISMIC DESIGN COMPETITION TEAM

The EERI student chapter gave a presentation at this year's SDC team kickoff meeting, highlighting the student chapter and the available support for the SDC. Support and mentorship was given throughout design, analysis and construction phases to the SDC team.

SDC Team Members

A complete list of team leads is shown below. Many other members helped and participated at various stages of the process.

Name	Role
Alynn Sun	Project manager
Bahram Hormozdi	Design
Polat Shamyradoc	Analysis
Hsuan-Ching Sang	Rules
John Hamrang	Finance
Gary Lew	Construction

ELECTION & ELECTION RESULTS

Next year's leadership is TBD.