



## American Society of Agricultural and Biological Engineers California-Nevada Section

[www.asabecanv.org](http://www.asabecanv.org)

### ANNUAL MEETING

**Date/Time:** 5:00-8:30 PM, Wed Feb 10th, 2021  
**Location:** Virtual (Zoom link to be provided)  
**Ticket Cost:** \$15 for members/guests, \$5 for students  
**Registration:** <https://na.eventscloud.com/canv21>

Please RSVP for the meeting. If you are having issues with online registration please contact Programming Chair, Dr. Mohammad Sadek (805-234-8576, [mosadek@calpoly.edu](mailto:mosadek@calpoly.edu))

### AGENDA

- 5:00 PM**     **Virtual Student Poster Competition** (details in attached flyer)
- 5:30 PM**     **Business Meeting:** Introduction, Section Initiatives and Updates, Student Rally Update, Officer Elections, School Reports, Awards (Engineer of the Year, Milestone Awards, Posters, AE50, and others), and Sponsor Appreciation
- 6:30 PM**     **ASABE President:** Candice L. Engler (Johnson Brothers Farm, Ankeny Iowa)
- 7:00 PM**     **Featured Speakers:** Desi Ramirez P.E., and Liz Colby P.E., USDA NRCS Engineers
- Post-Fire Response by  
the USDA Natural Resources Conservation Service (NRCS)  
in California**
- 8:10 PM**     **Closing Comments**
- 8:15 PM**     **Adjourn**

### ATTACHED DOCUMENTS

- **IMPORTANT INFO:** (1) Call for Nominations: 2021 Section Officer, (2) Call for Nominations: 2020 Engineer of the Year, and (3) Request for Member Input: Section By-Laws Update
- Student Poster Competition Instructions
- Featured Speaker Bios (Coming Soon!)



## ASABE CA/NV Section 2021 Officer Nominations 2020 EOY Nominations By-Laws Update

### (1) CALL FOR NOMINATIONS: 2021 ASABE CA/NV Section Officer

The ASABE CA-NV Section is looking for motivated and creative members to step into officer positions for 2021. The ASABE CA-NV Officers team consists of 4 elected executive committee members (Chair, Vice Chair, Treasurer, and Secretary) and 6 elected standing committee chairs (Membership, Program, Public Relations, Industry-Student Liaison, Career Development, and Awards). A list of officer positions may be found on the [ASABE CA/NV Officers Page](#) and for a description of each position please refer to the [ASABE CA/NV Bylaws](#). Article 6 describes Standing Committees and Article 7 describes Executive Committee positions.

Submit nominations through the [ASABE CA/NV Officer Nomination Form](#). **Deadline to submit nominations is Mon, Jan 25<sup>th</sup>, 2021.**

For questions, please contact ASABE CA-NV Past Chair and Nominating Committee Chair, Hossein Edalati ([ahedalati@gmail.com](mailto:ahedalati@gmail.com) or 530-220-2489, text preferred).

### (2) CALL FOR NOMINATIONS: 2020 Engineer of the Year

Do you know someone who has made amazing contributions to Agricultural Engineering? Someone who has done something to help the public welfare and/or humankind for the better? You should nominate them. Nominations are now open for the ASABE CA/NV Engineer of the Year Award.

Submit nominations through the [EOY Nomination Form](#) and email a completed [EOY Application](#) to [asabecanv@gmail.com](mailto:asabecanv@gmail.com). **Deadline to submit nominations is Mon, Jan 25<sup>th</sup>, 2021.**

For more information about awards, checkout the [ASABE CA/NV Awards Page](#). For questions, please contact Section Chair, Lynn Groundwater ([LGroundwater@ppeng.com](mailto:LGroundwater@ppeng.com)). Forward all nominations to Awards Chair, Dr. Sushant Mehan ([sushantmehan@gmail.com](mailto:sushantmehan@gmail.com)).

### (3) REQUESTING FOR MEMBER INPUT: Section By-Laws Update

The CA/NV Section officers recently proposed changes to the Section By-Laws. The current adopted version as well as the proposed modifications (identified with tracked changes) can be reviewed on the ASABE CA/NV website (<https://asabecanv.wordpress.com/bylaws/>). Please send any comments to Lynn Groundwater at [lgroundwater@ppeng.com](mailto:lgroundwater@ppeng.com). The Section will vote on the recommended version in early 2021 for possible adoption.

# ASABE CA/NV Section 2021 Student Poster Competition Instructions



The online nature of this year's ASABE CA/NV Section Annual Meeting necessitates a virtual format for the Student Poster Competition. We are requesting that presenters produce a simple 2 to 3-minute video summarizing their poster and its findings. This video can be created using Zoom, on a Smartphone, with a video camera, or using screen-capture software.

Here is a YouTube link below for a video showing how to record in Zoom.

- [Zoom Tutorial: Recording a PowerPoint & Video with the Zoom Video Conferencing Tool](#)

Items to be submitted:

- 2 to 3-minute video summarizing your poster and its findings
- PDF of your poster

There are 2 categories for the Student Poster Competition: Undergraduate and Graduate. For each category, there will be awards for the top 3 as follows:

- 1st place \$300
- 2nd place \$150
- 3rd place \$75

The top 3 undergrad and top 3 graduate videos will be played at the section meeting. There will be a Q&A session after the videos with the presenters of the top 3 videos of each category. The top 3 in each category are expected to attend the section meeting on Feb 10 for the Q&A session. Examples of posters from last year may be found on the ASABE CA/NV Awards Website: [HERE](#).

The submission **deadline for Poster Videos is Monday, February 8<sup>th</sup>**. Please submit posters and videos via the Box Link: [HERE](#). Voting will occur from February 1-7 and the winner will be announced at the section meeting on February 10.

Feel free to contact the Section Chair with any questions regarding the poster competition (Lynn Groundwater-Moeller, P.E., [lgroundwater@ppeng.com](mailto:lgroundwater@ppeng.com)).



## **ASABE CA/NV Section Annual Meeting Featured Speaker Bios**

### **Title: Post-Fire Response by the USDA NRCS in California**



**Desi Ramirez P.E.**

Desi started working for the USDA Natural Resources Conservation Service (NRCS) in June 2005 and worked as a Field Office Engineer in the Somis, El Centro, and Salinas offices. She became an Area Engineer in 2011.

Desi's post-fire response experience began in 2008 with the Basin-Complex fire in Big Sur and has continued through the recent River-Carmel and Dolan Fires. She earned a BS in Environmental Resources Engineering from Humboldt State University in 2005. Desi became a Professional Civil Engineer (PE) in California in 2009. She worked as a private consultant, NRCS Technical Service Provider (TSP), design engineer at the Resource Conservation District of Monterey County (RCDMC), and managed the irrigation design team for RDO Equipment/RDO Water in the Southwest US and Mexico. Having the honor of being the first female Area Engineer in California NRCS, her experience spans irrigation, erosion control, dairy manure management, streams and rivers, practices in the desert setting, and much more. Desi is fluent in English and Spanish.



**Liz Colby P.E.**

Liz started working for the USDA Natural Resources Conservation Service (NRCS) in June 2005 in the Petaluma Field Office serving Marin and Sonoma Counties. Liz's post disaster response experience began in January 2006 after the New Year's Eve 2005 floods. Since then, she has responded to requests for assistance following the 2017 Napa winter rains, 2017 Napa Complex fires, 2019 Napa winter rains, and 2020 Quail, LNU, and Glass fires in Napa and Solano Counties. Liz was the NRCS representative for the Napa County post-fire coordination effort in 2017 and continues that role. Liz earned a BS in Agricultural and Biological Engineering from Purdue University in 2005 and an MS in Civil and Environmental Engineering from the University of California, Davis in 2009. Liz became a Professional Civil Engineer (PE) in California in 2010. She moved with the US Air Force to Charleston, South Carolina (2010 - 2013). Upon returning to California, Liz worked as the District Engineer for Dixon Resource Conservation District (DRCD) for 3 years before rejoining NRCS as Field Office Engineer in Napa, supporting NRCS and partnership projects in Solano County (2013 - 2020).