

**AEG Southern California Chapter  
May 2024 Meeting**

**\*\*\*Tuesday, May 14, 2024\*\*\***

**May 2024  
DINNER MEETING  
ANNOUNCEMENT**

We hope you will join us for the next AEG Southern California meeting of 2024. The meeting will be on **Tuesday, May 14th** at Victorio's Ristorante in North Hollywood with a presentation by W. Paul Burgess.

**DATE:** Tuesday, May 14, 2024

**SPEAKER:** W. Paul Burgess, PG  
California Geological Survey

**TOPIC:** "California Geological Survey landslide response: before, during, and after heavy statewide rainfall in the 2023–2024 Winter storm season"

**PLACE:** Victorio's Ristorante  
10901 Victory Blvd  
North Hollywood, CA 91606  
818-762-9000

**DATE/TIME:** Tuesday, May 14, 2024  
6:00 pm Networking / Happy Hour  
7:30 pm Presentation

**COST:** \$45 per person with reservations in advance for AEG members, \$50 without reservations (at the door), FREE for students with a valid student ID and current AEG Student membership, the Student Membership is FREE as well, so join and get a free dinner.

**RESERVATIONS:** Please email Robert Woodford (aka Bob) at: [robert@woodfordgeo.com](mailto:robert@woodfordgeo.com)

## **Abstract**

From January until March 2024, multiple atmospheric river (AR) events impacted California, resulting in significant water year-to-date precipitation accumulations more than 100% above average across a wide swath of the state. Similar to observed impacts sustained during the 2022–2023 water year, historic flooding and multi-modal landslide activity occurred statewide, damaging transportation infrastructure, homes, property, and threatening life-safety and economic welfare. As a result, the California Geological Survey leveraged its Reported Landslides Database (RLD) mapping tools for desktop and field surveying to rapidly identify areas of observed landslide impacts, which included activation of the Landslides Triage Team (LTT). Across the State, The LTT identified hundreds of AR-induced landslide events which were incorporated into a GIS dashboard for efficient data organization and communication, which ultimately assisted Statewide response efforts in partnership with the California Governor's Office of Emergency Services (CalOES).

## **Speaker Biography**

W. Paul Burgess is an Engineering Geologist licensed as a P.G. in the California Geological Survey's Regional Geologic and Landslide Mapping Program, where he has been working since October 2018. Prior to joining the CGS, Burgess worked in the geotechnical engineering world in Los Angeles where he received training and gained broad experience at Feffer Geological Consulting. He earned a MS in Geology from the University of California, Los Angeles, focused on studying active faulting and tectonic geomorphology in the northeastern Indian Himalayan foothills. Before his time at UCLA, he earned a BS in Geology at the University of Houston in Texas, where he first became fascinated in geology after participating in geologic expeditions traversing the far northwestern Nepal Himalaya. Since coming aboard the CGS, Burgess has been especially grateful to steadily grow his knowledge of landslide mapping and geomorphologic/post-fire hazard mapping across California, and additionally share geoscience knowledge with the community through outreach efforts locally in the Los Angeles area. In his spare time, he enjoys hiking with his wife, surfing, and riding his bicycle and can often be found telling his friends and colleagues to send him photos of landslides with location and timing data whenever they spot them!