

NORCAL GEOPRO MEETING @ CAL POLY SLO

WEDNESDAY, SEPTEMBER 2 | 6:00 PM - 8:30 PM

Members	\$75
Non-Members	\$125
Cal Poly Students	Free
Students (Other)	\$25

Early Reg Ends August 20

CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SLO

EXACT LOCATION TBA

6:00 PM RECEPTION - FOOD AND DRINKS PROVIDED

6:30 PM PRESENTATION / MOVIE ON *REGENT'S SLIDE TRUE GRIT*

7:45 PM Q&A / DISCUSSION

REGISTER NOW



RYAN TURNER
Senior Geotechnical
Engineer
California Department of
Transportation (Caltrans)

Regents Slide in Monterey County resulted in closure of the scenic Highway 1 corridor through Big Sur from February 2024 through January 2026, severely disrupting traffic for tourists and local residents. The large slide complex consisting of multiple interconnected landslides and rockfall features completely covered Highway 1 and left a top-down landslide mass removal as the only safe and viable repair option. Building on the success of other Big Sur slide repairs in recent years including Mud Creek and the nearby ongoing Paul's Slide projects, Caltrans successfully repaired Regents Slide ahead of schedule.

This presentation features chronological first-person point-of-view videos from the field over the duration of the project and highlights two aspects that led to success: (1) integration of monitoring data from traditional surveying, UAS imagery and photogrammetry, geotechnical instrumentation (inclinometers, shape arrays, TDR, vibrating wire piezometers and surface deformation measurements), and daily boots-on-the-ground observations to inform real-time decision making regarding the repair plan and safety, and (2) collaboration between the many involved parties including contractors, Caltrans geotechnical, blasting crews, surveyors, helicopter teams, and more.