

DIGITAL TWIN TEAM PRESENTS AT WeRISE SUMMIT

The Digital Twin team showcased their interdisciplinary work on social vulnerability and wildfire resilience at the Working to Eradicate Racism In Science and Engineering (WeRISE) Summit on May 24th at UC Berkeley. The summit was supported by sponsorships from the UC Berkeley Civil and Environmental Engineering Department, the UC Berkeley Community Engaged Education in Civil and Environmental Engineering program, and grants from the National Science Foundation (2142714, 2142657, 2204552).



The team's presentation, assigned to the Infrastructural Justice and Community Engaged Scholarship session, explored a case study examining social vulnerability within the context of wildfire risk and resilience in Alameda and Marin counties. Showcasing wildfire evacuation traffic simulations in the Berkeley Hills, the team presented the value of the community-engaged and vulnerability-focused approach to emergency preparedness in identifying areas requiring increased attention and resources during emergency planning.

The WeRISE Summit fostered a valuable learning experience for the Digital Twin team. By engaging with researchers from diverse fields presenting community-engaged studies and teaching courses, the team gained valuable insights into the importance of integrating community engagement within research efforts to promote environmental and infrastructure justice.

