

SAVE THE DATE

ASCE | INFRASTRUCTURE
RESILIENCE

UCLA

San Fernando Earthquake Conference – 50 YEARS OF LIFELINE ENGINEERING

Los Angeles, California USA | February 7-10, 2021

Understanding, Improving & Operationalizing Hazard Resilience for Lifeline Systems

Mark Your Calendars!

Join Us in Los Angeles in 2021!

On behalf of the Program Committee, you are cordially invited to participate in The San Fernando Earthquake Conference on Lifeline Earthquake Engineering, to be held February 7-10, 2021.

Why Attend

- **Gain inspiration** on the critical importance of lifelines from lessons gained through experience following this seminal event
- **Understand the diverse threats to lifelines** from natural hazards and what can be done to characterize and mitigate risk to improve lifeline system resilience
- **Learn best practices** and new research results
- **Exchange key information** on the state of the art and practice in lifeline system management, science, engineering, emergency response and recovery, public policy
- **Hear from experts** who experienced the earthquake first-hand on whether we've been able to achieve the goals laid out after the event for acceptable performance
- **Learn what the future holds** for lifeline engineering and resilience of communities and regions



The Earthquake, Lifeline Systems, and the Conference

The 9 February 1971 San Fernando California Earthquake was a devastating yet seminal event which, for the first time, demonstrated the seismic threat to lifelines that fundamentally support our modern livelihoods. Knowledge gained from this event initiated the study of lifeline systems world-wide, including water, wastewater, electric power, gas and liquid fuels, communications, transportation, and solid waste management systems. The founding efforts of the ASCE Technical Council on Lifeline Earthquake Engineering, a predecessor unit to the current ASCE Infrastructure Resilience Division, by international leaders like the late Charles Martin Duke from UCLA established lifeline systems into a mainstream discipline, now accepted as fundamental for community and regional resilience.

The 50th anniversary of the San Fernando Earthquake is an opportunity to reflect on the need to increase the resilience of our critical infrastructure systems to earthquakes and other hazards. The conference will provide a retrospective of where we are today, how we got here, and where we are going to create resilient infrastructure systems within interdisciplinary and multihazard environments which support community and regional resilience.

Who Should Attend

- Lifeline System Owners
- Earth and Climate Scientists
- Engineers and Architects
- Emergency Managers
- Policy Makers
- Educators
- Researchers
- Social Scientists
- Economists
- Students

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