



State of California

Business, Consumer Services and Housing Agency
Alfred E. Alquist Seismic Safety Commission

**HayWired Earthquake Scenario:
USGS Science Application for Risk
Reduction (SAFRR)**

The HayWired Scenario is a scientific, realistic and quantitative depiction of a M7.0 earthquake on the Hayward Fault with its epicenter in Oakland, CA. Like previous U.S. Geological Survey (USGS) Science Application for Risk Reduction (SAFRR) scenarios, the source will be translated into secondary hazards (aftershocks, afterslip, landslides, and liquefaction); physical damages to structures and infrastructure; environmental damages; social and economic consequences; and policy considerations, all to enhance resilience.

The HayWired Scenario is providing in-depth focus on key themes not addressed in previous scenarios: the cumulative impacts of aftershocks and afterslip, performance of building codes, complications of fire following earthquake, urban search and rescue implications, effects of lifeline interdependencies (including the Internet), and communities at risk. Towards enhancing resilience, the scenario aims to improve the communication and use of earthquake hazard, early warning and aftershock forecast information, inform building codes, community capacity building, and business continuity planning.

The HayWired Scenario will be released to the public on April 18th, 2018 with a press event at U.C. Berkeley's California Memorial Stadium. The release of the HayWired Scenario also marks the beginning of the HayWired Public Engagement Campaign, a collective effort of the HayWired Coalition and its partners to share key findings of the scenario with Bay Area residents and organizations. The HayWired Campaign will refocus its message beyond the Bay Area region and toward the entire state of California, with the 2018 Great California ShakeOut on October 18th and the 150th Anniversary of the last major earthquake on the Hayward fault on October 21st.

More information about the HayWired Scenario and campaign will be available through a central website at <https://OutsmartDisaster.com>.

The HayWired Scenario has been created in parallel with the Federal Emergency Management Agency's (FEMA) and California Governor's Office of Emergency Services (CalOES) update of the Bay Area Earthquake Plan. In addition to FEMA and CalOES, key partners include the California Geological Survey, Association of Bay Area Governments, Joint Venture Silicon Valley, Bay Area Center for Regional Disaster Resilience, California Resiliency Alliance, Pacific Earthquake Engineering Research Center, and Earthquake Country Alliance.

The HayWired Campaign and the exciting new Resilient Business Challenge are organized by the California Seismic Safety Commission, and supported by major sponsors Pacific Gas and Electric, Bechtel Corp., SwissRe, San Jose Water Company, Townsend Public Affairs, among others. Sponsorship opportunities for the campaign are still available and encouraged.

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