

The HayWired Connection: Societal Consequences of Earthquakes

Resilience Through Connections: Volume 3 Overview

October 21, 2021, 11:00 AM - 4:00 PM PDT

Why HayWired?

The HayWired scenario has connected hundreds of people to tell the story of a large earthquake on the Hayward fault in the San Francisco area. It was developed to engage with and guide residents, businesses, and policymakers of the bay region in earthquake-risk reduction and resilience-building actions. Such actions taken now, before an earthquake, will help to:

- Save lives and preserve well-being
- Maintain functional buildings and infrastructure
- Keep people in their homes
- Keep businesses open
- Shorten the bay region's recovery time when the next earthquake occurs.

How Do You Tell the HayWired Story?

- What does the HayWired scenario mean for you, your job, your community?
- What earthquake resilient actions and policies are being coordinated?

Why Now?

As we complete [Volume 3, Societal Consequences](#), we find ourselves in unprecedented times, with a pandemic changing daily life, wildfires raging around California, and greater consequences for underserved communities. Yet we can also use this time to reflect on the many investments in earthquake readiness we've already made and integrate lessons from recent disasters to enhance resilience to earthquakes.

[ONLINE REGISTRATION](#)

[MORE INFORMATION](#)

The HayWired scenario examines a hypothetical earthquake (mainshock) with a moment magnitude of 7.0 occurring on April 18, 2018, at 4:18 p.m. on the Hayward Fault in the east bay part of California's San Francisco Bay area. Most economic, cultural, and personal elements of society have grown entwined with the Internet since the last time California experienced a large urban earthquake. What will happen to an Internet-dependent society when a large earthquake occurs? How do tangible lifelines—roads, power, water,

communication, etc.—interact in damage and restoration, and how do they interact with the online world of commerce, social media, and news? How will aftershocks affect recovery? To answer these questions, the HayWired earthquake scenario builds on past studies of a Hayward Fault earthquake and previous scenario development procedures to advance risk analysis and inform disaster planning (preparedness, response, and recovery).

Agenda

11:00 AM - HayWired Volume 3 Panel

- Telecommunications
DAVID WITKOWSKI
- Utility and Transportation Lifelines
JAMIE JONES
- Communities at Risk
LAURIE JOHNSON
- Business and Economic Linkages
CYNTHIA KROLL
- ShakeAlert® Earthquake Early Warning
JENNIFER STRAUSS

12:30 PM - Bay Area Earthquake Research

1:00 PM - Diversifying Communication of the HayWired Scenario

1:30 PM - HayWired Toolkit Launch

2:00 PM - HayWired Scenario: Application

3:00 PM - Social Breakout Groups

