

LIFE SAFETY IN THE CITY

WHEN THERE IS MORE TO LIFE THAN NOT BEING CRUSHED

Come learn the benefits and complexities of organizing resilient cities, risk psychology, and more resilient role of building codes.

Purpose:

The Resilience by Design program adopted by Los Angeles to address earthquake vulnerabilities brought together the earth science, earthquake engineering and public policy professions and worked with hundreds of community organizations to get approval for sweeping seismic resilience legislation. Since their inception, building codes have been based on a principle that safety is the only valid concern of government. The reality of a major earthquake is that the failure of a building impacts the whole community through economic disruption, population decreases, and cascading failures of engineered and social systems. This talk will explore a conceptual framework for creating a building code that reflects the realities of earthquake losses and the social dynamics of shared economic decisions.

Dr. Lucy Jones is the founder of the Dr. Lucy Jones Center for Science and Society, with a mission to foster the understanding and application of scientific information in the creation of more resilient communities. She is the author of the forthcoming book, *The Big Ones* (Doubleday, April 2018) and is also a Research Associate at the Seismological Laboratory of Caltech, a post she has held since 1984. Working with both the public and private sectors, Dr. Jones seeks to increase communities' ability to adapt and be resilient to the dynamic changes of the world around them. The aim is to understand and communicate where the greatest vulnerabilities lie and what actions can be taken to reduce the risks that are the most cost-effective. Dr. Jones has been active in earthquake research for decades, furthering earthquake risk reduction through seismological research and integrated disaster scenarios.



Dr. Lucy Jones

Who Should Attend:

- Building Owners
- Policy Makers
- Building Officials
- Insurance Industry
- Structural Engineers
- Geotechnical Engineers
- Civil Engineers

Location:

Thursday, October 26, 2017

Social at 5:30pm and Meeting from 6:00 to 7:30pm

Warnock Engineering Building Room WEBL 104

72 S Central Campus Dr, Salt Lake City, UT 84112



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Engineers
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of Utah