Session ID: RES-12

Title
PATHWAYS OF CONNECTING EARTHQUAKE ENGINEERING AND COMMUNITY RESILIENCE FOR POLICY ACTION

Convenors
S. Derakhshan [1], H. Burton [2], C. Huyck [3]

Description
An integral part of fostering a professional community to address seismic resilience, is to consider the inherent resilience and vulnerabilities of the communities themselves. This session will look at current interdisciplinary trends of incorporating social vulnerability and community resilience measurements in the seismic retrofits and mitigation plans. The observed disproportionate impact of earthquakes across communities highlights the existing disparities in seismic risk mitigation efforts and varied adaptation capacities across populations.

How can we quantify and combine socio-economic disparities with seismic risk policies? Where are the advancements in the interdisciplinary efforts and what are the areas of future research?

The session will include presentations by the invited speakers, submitted papers, and a panel discussion.

Invited Speakers
A.C. Richards [4], C. Burton [5], D.I. Ejsmentewicz Caceres [6], D. Cook [7], J. Maffei [8]

Affiliations
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