

State of California
Seismic Safety Commission

Memo

To: Seismic Safety Commissioners

From: Richard McCarthy
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Subject: Progress Update on the “Beyond Button-Pushing” impact of Assumptions on Earthquake Model Results Project

Project Update

Proprietary models used to estimate earthquake risk in California are not well understood. This is partially because the credibility and reliability of risk models used in the state are not fully comprehended due to a lack of transparency of uncertainties. The purpose of this presentation is to discuss progress toward the understanding of impacts that assumptions made during the risk modeling process have on the final results. This project will allow model users to interpret and gain trust in model results, and understand risk more clearly. With deeper insight into the drivers of risk, a higher proportion of Californians would be able to make financial preparations, ultimately leading to greater economic resilience for California.

Recommendation

This will be GEM's final presentation on this project. Staff recommends that the Commissioners listen to Dr. Vitor Silva's presentation, ask questions, and approve the project.