

causes a domino effect. The homes are inhabitable; they have mortgages and people just abandoned them."

Steckler said most wealthy homeowners can self-insure and afford those costs, but middle-tier homeowners have a hard time coming up with the funds needed to repair their home due to the large deductibles. He added that some plans for earthquake coverage that once cost \$400 per year have new projections of up to \$2,000 annually

"I don't understand it. What could be done?" Steckler said in regard to the lack of people without earthquake coverage. "Public awareness, public broadcasting, maybe subliminal ads on television. Something must be done to increase the amount of homeowners with insurance."

Another issue, Steckler added, is the continued population growth in California. He said while many people want to live along the coast these areas are located directly over major faults. He is not sure people are prepared for the consequences of earthquakes.

The population of California in 2000 was 33.8 million. <u>It has since grown to 39.7 million in 2019</u>. The state's population was just 29.7 million in 1990.

"It's hard to say what the mindset is of the masses, but in my opinion more people are reactive than proactive," he said. "For whatever reason, our mentality is 'it won't happen to me'. It's going to take a concerted effort with local, federal and state agencies along with the insurance industry to get people to really understand the magnitude of this."

The 116th Congress passed earlier in 2019 the <u>Pacific Northwest Earthquake Preparedness Act</u>. The bill requires FEMA to develop a plan for the purchase and installation of an earthquake early warning system for the Cascadia Subduction zone, which Steckler said is a 700-mile area from the coast of California and running north to Oregon and Washington.

Steckler said technology, especially using satellite imagery, can help insurance companies focus in on their policies enforced (DIF). He added that drones have been very helpful in getting a closer look at damaged and impacted areas. With this technology, including the aid of drones, we are getting faster at viewing areas that have been impacted from structural damage.

However, Steckler said "there is nothing that will replace the human element at this time."

While noting how lucky California is that 99% of the area impacted by the Ridgecrest quake hit rural areas, he knows the state dodged a bullet—this time.

"The true cost of an earthquake of this magnitude would be tens of billions of dollars, not including the human toll. Picture this: All infrastructure--roads, overpasses, pipelines—all of these factors would hinder support teams being able to respond." Steckler said if the same quake had struck Los Angeles. "Another thing to consider is the sheer volume of claims that would be needed—this would require teams such as medical professionals, emergency support vehicles, engineers, contractors, insurance adjusters. The list goes on and on—it would put a tremendous drain on the system as a whole."



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A graduate of the University of Alabama, Mike Albanese has worked for news publications since 2011 in Texas and Colorado. He has built a portfolio of more than 1,000 articles, covering city government, police and crime, business, sports, and is experienced in crafting engaging features and enterprise pieces. He spent time as the sports editor for the "Pilot Point Post-Signal," and has covered the DFW Metroplex for several years. He has also assisted with sports coverage and editing duties with the "Dallas Morning News" and "Denton Record-Chronicle"

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