

# Ground Shaking from M 7.1 EQ on Newport-Inglewood Fault



## POTENTIAL USES

### Pre-Disaster:

- Identification of population, general building stock and lifelines that would be most at risk from damaging earthquake on Newport-Inglewood Fault.
- Identification of counties and population centers that would be subjected to  $PGA > 0.4$  (area of greatest expected damage).

### Post-Disaster:

- Area of impact from scenario earthquake
- Rapid Needs Assessment – identification of population, general building stock, essential facilities and lifelines (utilities and transportation) with at least a moderate probability of major or severe damage and potential loss of functionality.

## DATA AND ANALYSIS DISPLAYED:

- Epicenter of magnitude 7.1 earthquake on the Newport Inglewood Fault
- Counties subjected to ground shaking, measured in Peak Ground Acceleration (PGA).



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