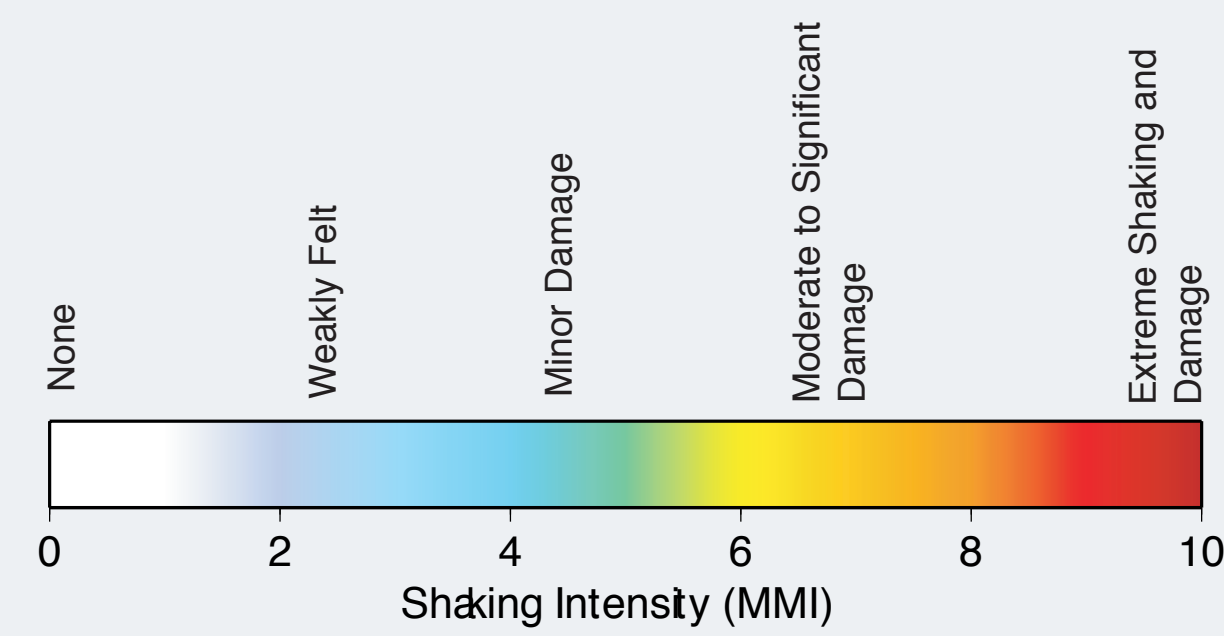
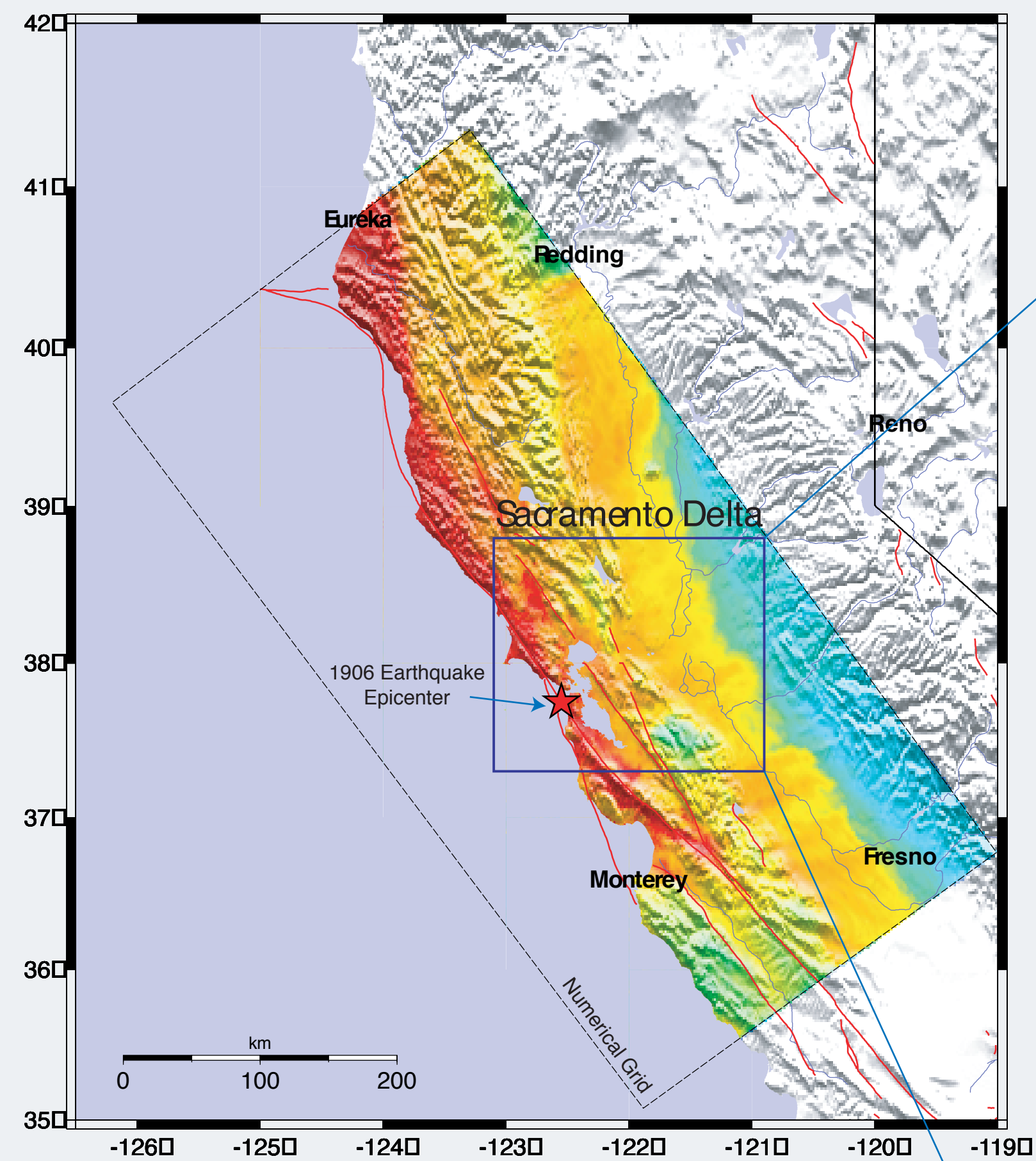


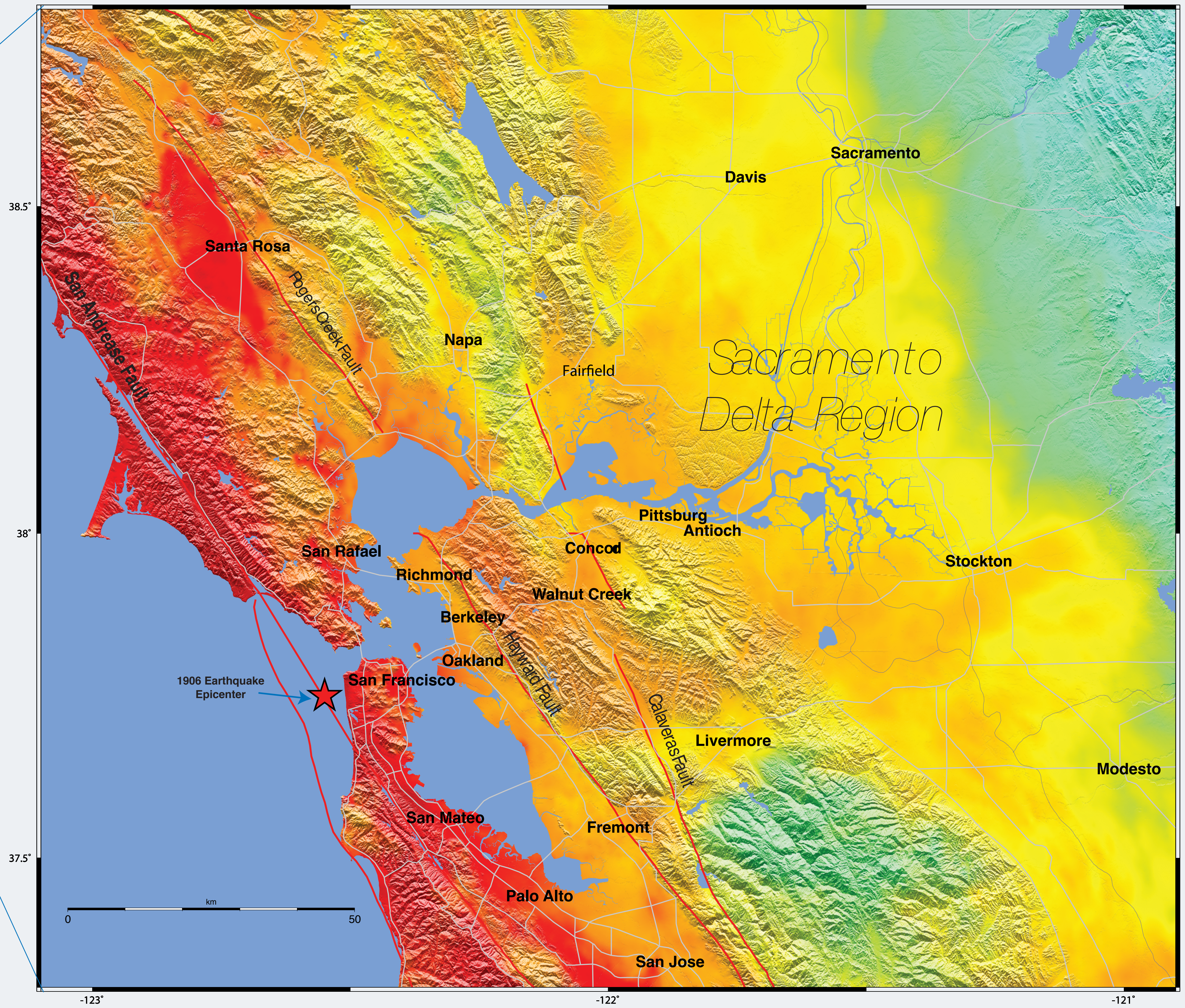
Ground Shaking Intensity in the Sacramento Delta Region from Simulations of the 1906 San Francisco Earthquake

Simulated Ground Shaking from the 1906 San Francisco Earthquake



These figures show the intensity of seismic ground shaking computed from a simulation of the 1906 San Francisco Earthquake (Magnitude 7.8). Shown is the intensity of ground shaking in northern California, and specifically in the Sacramento Delta Region. Although the Delta Region is approximately 100 km (60 miles) from the San Andreas fault and the epicenter of the 1906 event, shaking is still significant (moderate damage to well-built structures; significant damage in poorly built structures). Extreme shaking is shown to have occurred at locations within 25-50 km (15-30 miles) of the San Andreas rupture.

We are currently working with hydrologists and engineers to address levee reliability in the Sacramento Delta Region



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