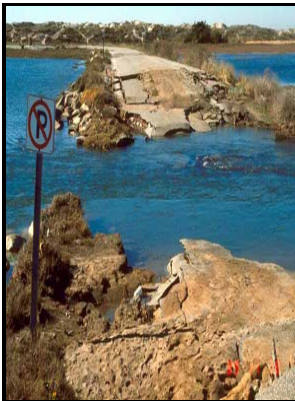


# The Loma Prieta, California, Earthquake of October 17, 1989--earth structures and engineering characterization of ground motion / Thomas L. Holzer, editor.

U.S. Department of the Interior - SEISMIC HAZARDS



Description: -

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Earthquakes - CaliforniaThe Loma Prieta, California, Earthquake of October 17, 1989--earth structures and engineering characterization of ground motion / Thomas L. Holzer, editor.

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## The Loma Prieta, California, Earthquake of October 17, 1989

Changes in groundwater chemistry before earthquakes in Iceland highlight a potential hydrogeochemical precursor, but such signals must be evaluated in the context of long-term, multiparametric data sets. It commonly occurs in interbedded sediments at alluvial sites. II, Carnegie Institutions of Washington.

## San Francisco earthquake of 1989

The selection process typically involves estimating magnitude, source-to-site distance, peak ground acceleration and spectral response relevant to the project site, and searching for existing strong-motion records that have parameters that closely match the estimated values. Typically  $\sigma \ln V_s$  takes on values between 0. Nothing in these Guidelines is intended to conflict with or supersede any requirement, definition, or other provision of Chapter 7.

## San Francisco Earthquake of 1989

Re-evaluation of seismic hazards for Clifton Court Forebay, Bethany Dams and Reservoir, Patterson Reservoir, Del Valle Dam and Lake Del Valle. Professional Paper 1552 focuses on the response of buildings, lifelines, highway systems, and earth structures to the earthquake. Three-dimensional deformation caused by the Bam, Iran, earthquake and the origin of shallow slip deficit.

## Read Microsoft Word

Measurements of horizontal distortion indicate approximately 0. SoCalGas personnel restored service to 841 facilities where seismic valves had to

be reset. Preliminary geologic map of Solano County and parts of Napa, Contra Costa, Marin, and Yolo counties, California.

### **San Francisco earthquake of 1989**

Recent analyses of intensity have shown that MMI??? Trench 1 was excavated where the zone of deformation consisted of compressional failures developed along a 20-cm-high north-facing scarp. The role of the site response analysis in the convolution approach is to define the probability distribution of site amplification given a rock motion level.

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