

*Bulletin Of The Seismological Society Of America 1963 Volume 53*







### **Bulletin Of The Seismological Society**

Caltech's Seismological Laboratory, an arm of the Division of Geological and Planetary Sciences (GPS), was established in 1921. It has a distinguished history of leadership in science and serving the public interest. Internationally recognized for excellence in geophysical research and academics while also having outstanding facilities in seismic networks, high performance computing, and ...

### **Recent Earthquakes - Caltech Seismological Laboratory**

Seismology (/ s aɪ z ' m ɒ l ə dʒ i /; from Ancient Greek σεισμός (seismós) meaning "earthquake" and -λογία (-logía) meaning "study of") is the scientific study of earthquakes and the propagation of elastic waves through the Earth or through other planet-like bodies. The field also includes studies of earthquake environmental effects such as tsunamis as well as diverse ...

### **Seismology - Wikipedia**

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### **GeoScienceWorld**

Reflection seismology (or seismic reflection) is a method of exploration geophysics that uses the principles of seismology to estimate the properties of the Earth's subsurface from reflected seismic waves. The method requires a controlled seismic source of energy, such as dynamite or Tovex blast, a specialized air gun or a seismic vibrator, commonly known by the trademark name Vibroseis.

### **Reflection seismology - Wikipedia**

Geopsy project. Geopsy team is developing, distributing and maintaining open source software for geophysical research and applications. Born during SESAME European Project, it has provided tools for processing ambient vibrations with site characterization in mind since 2005.

### **Geopsy home: software applications for ambient vibration ...**

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### **Global CMT Catalog Search - Global Centroid Moment Tensor ...**

Abtahi, S., Mahsuli, M., Ghannad, M.A. (2019) "Probabilistic evaluation of soil-structure interaction effects on strength demands of shear buildings," ASCE Journal of Structural Engineering, In press

### **Mojtaba Mahsuli, SUT Civil Engineering - Sharif**

The effect of an earthquake on the Earth's surface is called the intensity. The intensity scale consists of a series of certain key responses such as people awakening, movement of furniture, damage to chimneys, and finally - total destruction. Although numerous intensity scales have been developed ...

### **The Modified Mercalli Intensity Scale**

Reports of unidentified "booms" have emerged from different places around the world for hundreds of years, and although many of the "boom stories" remain a mystery, others have been explained. Most of the booms that people hear or experience are the result of human activity, such as an ...

### **Earthquake Booms, Seneca Guns, and Other Sounds**

o: ostwärts: O: Osten, Orientalis, Orien, Oriente, Orientis = East: OAB: Operational advisory broadcasts: OAC: Österreichischer Automobil Club: OACES: Oregon ...

### **DICTIONARY OF ABBREVIATIONS AND ACRONYMS IN GEOGRAPHIC ...**

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