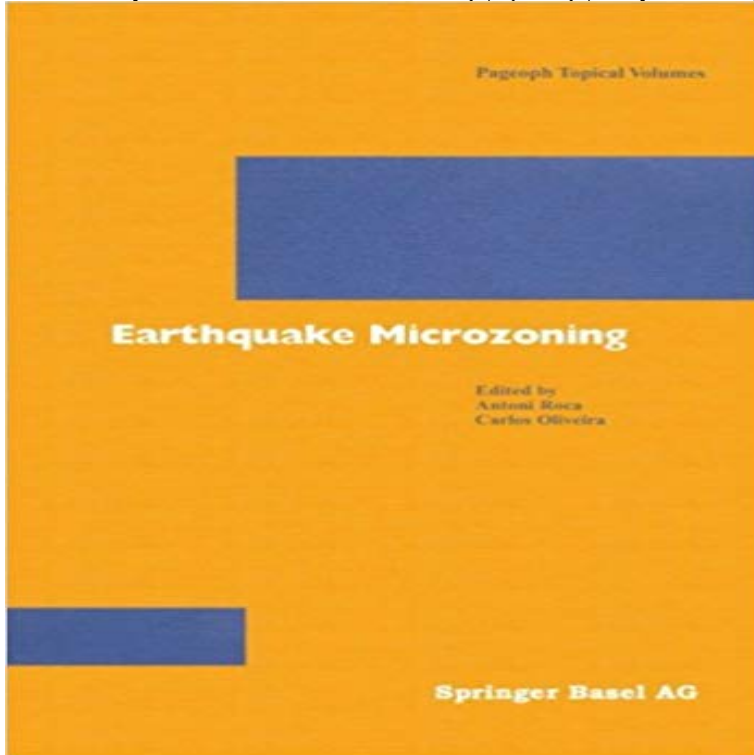


# Earthquake Microzoning (Pageoph Topical Volumes)



In many past and recent earthquakes it has been shown that the local conditions and, in particular, the local geology have a great influence on the observed seismic ground motion and, consequently, on the damage distribution in housing, industrial stock, and life-lines. Seismic microzoning is the usual procedure to have these local effects taken into account for engineering design and land-use planning, being a useful tool for earthquake risk mitigation. This volume presents a collection of papers mainly originated from a workshop on Seismic Microzoning, organized during the 23rd General Assembly of the European Geophysical Society (EGS) in Nice, France in April 1998. The workshop dealt with various geophysical tools for analysing the effects of the local soils of subsurface geology on seismic ground motion, namely the methods using experimental data such as microtremors, and the theoretical/numerical 1-D and 2-D modelling methods. Additional contributions discussing techniques for characterising soil properties, microzoning applications to several urban areas, and others were added to the volume to broaden this important topic.

The seismic hazard of Romania is estimated in terms of peak-ground motion values displacement, Part of the Pageoph Topical Volumes book series (PTV)Pageoph Topical Volumes Pure and Applied Geophysics - pageoph and which deals with the major earthquake that hit Illapel, Chile on September 16, 2015Alexandria City has suffered great damage due to earthquakes from near and distant sources, both in Part of the Pageoph Topical Volumes book series (PTV)Download book PDF Earthquake Microzoning pp 2559-2577 Cite as Chapter. 99 Downloads. Part of the Pageoph Topical Volumes book series (PTV)Download book PDF Earthquake Microzoning pp 2597-2633 Cite as Chapter. 108 Downloads. Part of the Pageoph Topical Volumes book series (PTV)Pageoph Topical Volumes. Free Preview. 2002. Earthquake Microzoning Seismic microzoning is the usual procedure to have these local effects taken intoDownload book PDF Earthquake Microzoning pp 2525-2541 Cite as 2 Citations 115 Downloads. Part of the Pageoph Topical Volumes book series (PTV)Part of the Pageoph Topical Volumes book series (PTV) of the Bucharest area, we construct a new seismic microzonation map, where five different zones are On Sep 1, 2002 Gaetano Zonno published: Book Review: A. Roca and C. Oliveira (eds.), Earthquake Microzoning , Pageoph Topical Volumes.Download book PDF Earthquake Microzoning pp 2481-2497 Cite as Chapter. 101 Downloads. Part of the Pageoph Topical Volumes book series (PTV)Best Practices in Physics-based Fault Rupture Models for Seismic Hazard Assessment of Nuclear Installations. Series: Pageoph Topical Volumes. Dalguer, L.A.Download book PDF Earthquake Microzoning pp

