



Neotectonics

IN EARTHQUAKE EVALUATION

EDITED BY

Ellis L. Krinitzsky and D. Burton Slemmons

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NEOTECTONICS IN EARTHQUAKE EVALUATION

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Contents

Foreword	v
1. Estimation of earthquake size for seismic hazards	1
Craig M. dePolo and D. Burton Slemmons	
2. Probabilistic seismic-hazard analysis using expert opinion; An example from the Pacific Northwest	29
Kevin J. Coppersmith and Robert R. Youngs	
3. Seismic-hazard assessment in the central United States	47
Arch C. Johnston and Susan J. Nava	
4. Implications of the Meers fault on seismic potential in the central United States	59
Alan R. Ramelli and D. Burton Slemmons	
5. Neotectonic movement and earthquake assessment in the eastern United States	77
Patrick J. Barosh	
6. Neotectonics in the southeastern United States with emphasis on the Charleston, South Carolina, area	111
Pradeep Talwani	
7. Late Quaternary fault scarps, mountain-front landforms, and Pliocene-Quaternary segmentation on the range-bounding fault zone, Sangre de Cristo Mountains, New Mexico	131
Christopher M. Menges	
Index	157

Foreword

This symposium brings together a group of papers that provide guidance for geological assessments of earthquake hazards throughout the contiguous United States.

The relevant literature on the geological aspects of earthquake assessment has become so extensive in recent years that it is both timely and desirable to attempt summaries for key areas. The contributors to this volume have addressed recent developments in their respective regions in new and useful syntheses of current knowledge. The Pacific Coast, the western mountain area, the New Madrid area, New England, and southeastern United States, including Charleston, South Carolina, are reviewed. These are the principal seismically active regions of the United States. Among the contributors are researchers who have made notable additions to the art in their own right.

These investigators have compiled a guide to what is, in effect, the state of the art for assessing earthquake sources. In this regard, we anticipate that their efforts will serve a very practical necessity.

We were helped by many fine reviews, for which we wish to express our gratitude, by Charles W. Welby, Christopher C. Mathewson, Robert C. Bucknam, Leon Reiter, Steven Wesnousky, Robert E. Wallace, Antony J. Crone, David P. Schwartz, Michael N. Machette, Roy J. Shlemon, Robert L. Schuster, Richard Meeuwig, Walter W. Hays, and Allen W. Hathaway.

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