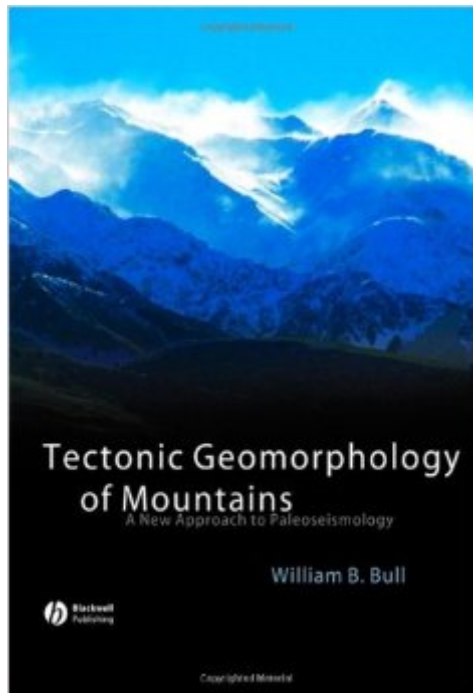


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# Tectonic Geomorphology Of Mountains: A New Approach To Paleoseismology



## Synopsis

With a balance of theory and practical applications, *Tectonic Geomorphology of Mountains* is essential reading for research geologists and upper-level undergraduate and graduate students in the earth sciences. This book describes how tectonic events influence geomorphic processes and explores how landscapes respond to tectonic deformation in the ways in which they are weathered, washed, and abraded. Uses new approaches to enhance theoretical models of landscape evolution and to solve practical problems such as the assessment of earthquake hazards. Includes previously unpublished research and theory. Examines how to use key landforms as reference levels in changing landscapes, estimate rates of mountain-range uplift, and map seismic shaking caused by prehistorical earthquakes. Presents a diverse range of examples from around the world.

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