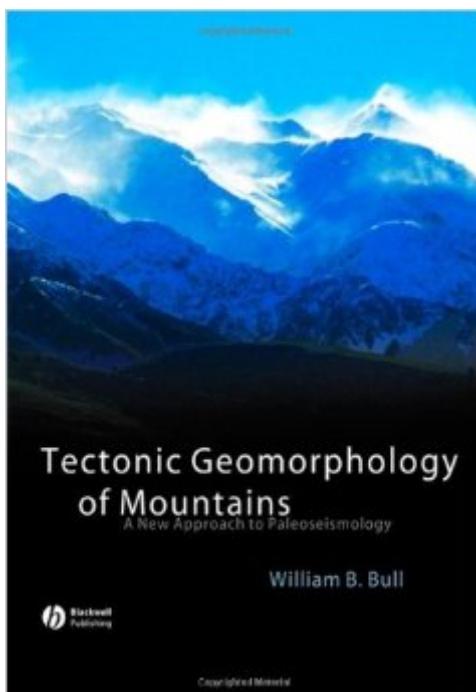


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Tectonic Geomorphology Of Mountains: A New Approach To Paleoseismology



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 Includes previously unpublished research and theory.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.

Book Information

Hardcover: 328 pages

Publisher: Wiley-Blackwell; 1 edition (November 19, 2007)

Language: English

ISBN-10: 1405154799

ISBN-13: 978-1405154796

Product Dimensions: 7.7 x 0.9 x 10 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

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