



The Rocky Mountain Region: An Evolving Lithosphere: Tectonics, Geochemistry, and Geophysics (Hardback)

By -

American Geophysical Union, United States, 2005. Hardback. Book Condition: New. 274 x 218 mm. Language: English . Brand New Book. The Rocky Mountains provide a key region for understanding the evolution of the western North American continent and processes that shape continents in general. As a result, the region has prompted intense and pioneering geologic investigations for over a century, offering scientists an exceptionally rich field laboratory in which to gather data and to make and test interpretations. The Continental Dynamics of the Rocky Mountain (CD-ROM) experiment (1995-2004), from which this book derives, follows in this tradition, motivated by three leading questions: how are continents initially formed and stabilized; how do old lithospheric structures and boundaries influence younger tectonic events; and how did processes related to the plate boundary affect the evolution of the Cenozoic Rocky Mountains? To successfully answer such questions requires integrated studies focused from the surface, through the crust, into the mantle, and with a four-dimensional approach that also encompasses the time dimension.



READ ONLINE
[6.49 MB]

Reviews

An extremely wonderful book with lucid and perfect information. It is one of the most awesome publication i have read. Your life period will probably be enhance the instant you total looking at this pdf.

-- Prof. Dan Windler MD

It is really an amazing publication i actually have at any time read. It is really simplistic but unexpected situations inside the 50 percent of your pdf. Its been written in an exceptionally simple way in fact it is just right after i finished reading this ebook where actually transformed me, alter the way i really believe.

-- Dr. Celestino Spinka III