This book is the first to bridge the gap between the disciplines of geology and geophysics that, at present, study the Earth with increasingly different techniques and methods. Its integrative approach presents geologists and geophysicists with the tools to understand other methodologies.

The book covers the gamut of Earth Sciences from earthquakes and seismic exploration to thermal convection and the orogenic processes. Each chapter starts with the well-established facts and then proceeds through a logical framework to end with the most conjectural questions, such as continental drift in Paleozoic and Precambrian times or mantle convection. Many of the issues discussed have not yet found unanimously agreed solutions, but the extensive references point the reader to further possibilities.

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