

Volume 1

2<sup>nd</sup> Edition

# Regional Geology and Tectonics

## Principles of Geologic Analysis

A 'how-to' primer describing the basic concepts of tectonics and subsurface resource exploration in a broad range of global geological settings.

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*Regional Geology and Tectonics: Principles of Geologic Analysis, 2nd edition* is the first in a three-volume series covering Phanerozoic regional geology and tectonics. The new edition provides updates to the first edition's detailed overview of geologic processes, and includes new sections on plate tectonics, petroleum systems, and new methods of geological analysis.

This book provides both professionals and students with the basic principles necessary to grasp the conceptual approaches to hydrocarbon exploration in a wide variety of geological settings globally.

- Discusses in detail the principles of regional geological analysis and the main geological and geophysical tools
- Captures and identifies the tectonics of the world in detail, through a series of unique geographic maps, allowing quick access to exact tectonic locations
- Serves as the ideal introductory overview and complementary reference to the core concepts of regional geology and tectonics offered in volumes 2 and 3 in the series

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