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SUS AUTORES TIENEN VASTA EXPERIENCIA Y PUBLICACIONES. ES UN ELEMENTO BIBLIOGRAFICO DE USO FRECUENTE PARA EL DOCENTE Y DONDE LOS CONCEPTOS BASICOS SE PRESENTAN EN FORMA DIDACTICA. RECOMENDABLE PARA TENERLO COMO EL LIBRO AUXILIAR DE CONSULTA.

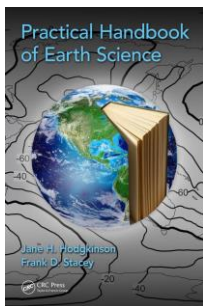
Practical Handbook of Earth Science

By Jane H. Hodgkinson, Frank D. Stacey

September 7, 2017 by CRC Press

Reference - 402 Pages - 7 Color & 39 B/W Illustrations

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Features

- **The first comprehensive and compact book that emphasizes basic science with no attention to exploration or instrumentation**
- **Incorporates the best currently available data and insights on topics encompassed by the broad term 'Earth Science'**
- **Presents rates of energy transfer in natural processes such as solar radiation, tides, river flow, and wind in the same units as human energy and fuel use to allow immediate comparisons**
- **Discusses new analyses of salient points in geochemistry which are classified by both geochemical behavior and by their roles in biology**
- **Written in a simple and clear language by internationally-known experts in geology**

Summary

This self-contained handbook provides a carefully researched, compact source of key earth science information and data, logically sorted by subject matter, and then cross-referenced. Appealing to both experts and non-experts alike, the book presents earth science and environmental science as closely intertwined. It includes tables of the global distributions of fossil fuels, contrasted by tables of the distribution of non-fossil energy sources. Concise explanations cover the subject matters of geology, geophysics, oceans, atmosphere with attention to environmental implications and resources.

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Preface. Authors. Section I: Notation And Units. Physical Units and Constants. Some Shorthand Conventions. Section II: The Building Blocks: Elements To Planets. Elements,

Isotopes and Radioactivity. The Solar System. Section III: Global Geophysics. Whole Earth Properties. Section IV: Major Subdivisions Of The Earth: Structures And Properties. The Core. The Mantle. The Crust. The Oceans. Inland Salt Lakes. Fresh Water and Ice. The Atmosphere. Section V: Geological Activity: The Restless Earth. Tectonics. Earthquakes. Volcanism. Tsunamis. Weathering, Erosion, Crustal Recycling and Regeneration. Geological Time and the Fossil Record. Section VI: Rocks And Minerals. Mineral Types and Characteristics. Rock Types and Occurrences. Physical properties of Minerals and Rocks. Section VII: Resources. Elements as resources. Rocks and Minerals as Resources. Fossil fuels. Energy Sources Alternative to Fossil Fuels. Land Degradation, Waste Disposal and Recycling. References. Index.