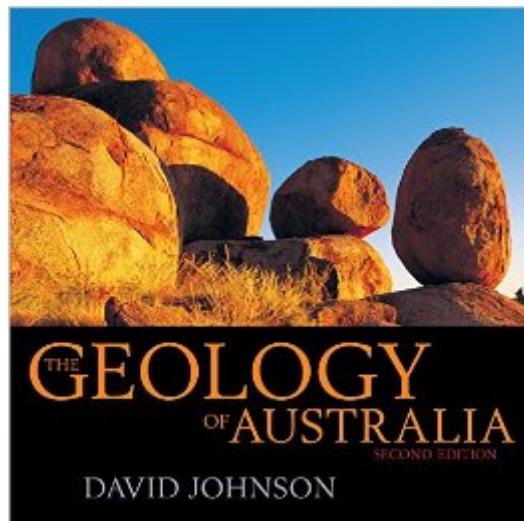


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The Geology Of Australia



Synopsis

The Geology of Australia provides a vivid and informative account of the evolution of the Australian continent over the last 4400 million years. Starting with the Precambrian rocks that hold clues to the origins of life and the development of an oxygenated atmosphere, it goes on to cover the warm seas, volcanism and episodes of mountain building, which formed the eastern third of the Australian continent. This illuminating history details the breakup of the supercontinents Rodinia and Gondwana, the times of previous glaciations, the development of climates and landscapes in modern Australia, and the creation of the continental shelves and coastlines. Separate chapters cover the origin of the Great Barrier Reef, the basalts in Eastern Australia, and the geology of the Solar System. This second edition features two new chapters, covering the evolution of life on Earth while emphasising the fossil record in Australia, and providing a geological perspective on climate change. From Uluru to the Great Dividing Range, from earthquakes to dinosaurs, from sapphires to the stars The Geology of Australia is a comprehensive exploration of the timeless forces that have shaped this continent.

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Customer Reviews

There are very few books like this one that give a broad-scale overview of the geology of the vast , ancient, flat & dry, island continent of Australia. This is a pity, as large sections of the peculiar (at least to Northern Hemisphere eyes!) land of Australia are still hardly explored in terms of their geology, landforms, biology, and fossil record.....on what other continent (except perhaps Antarctica) can you stand on a ridge just about anywhere and be the first person who has ever

stood there and tried to understand, using a scientific mindset, the nature & history of the rocks and trees and landforms in front of you. It is therefore fortunate that two recent books summarizing the vast island continent are both excellent; - this book (and presumably also the soon-to-be-released third edition) is clearly written and well-structured, and it is not oversimplified in the way that all too many popular-level science books are. - another good read for the serious non-professional geology aficionado (with a strong science background) or for the beginning-to-intermediate geology student is: "Shaping a Nation : A Geology of Australia" (editor: R.S. Blewett)(Publisher: Geoscience Australia, and Australian National University)(e-book also available) Both books are suitable for the sort of aeronaut-specialist with very strong scientific interests and strong curiosity • who wants to understand Australia's geology in enough detail that the reader arrives at real understanding and insight. They also provide a good overall conceptual framework for students who are beginning their studies of Australian (and general) geology at tertiary institutions.

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