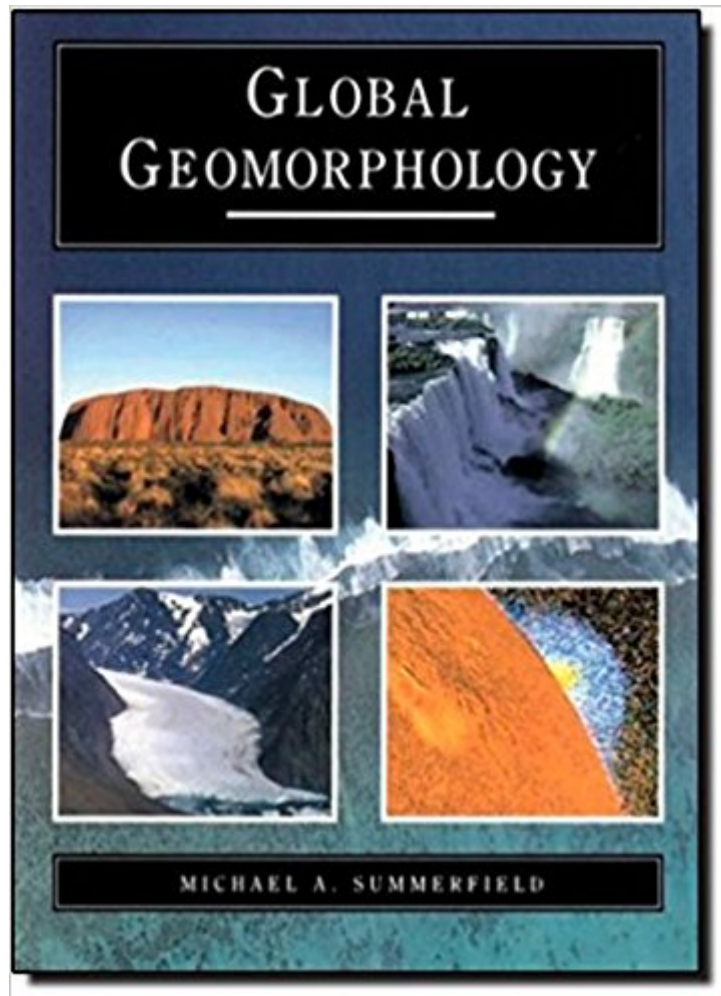




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Global Geomorphology



Synopsis

The plate tectonics revolution in the earth sciences has provided a valuable new framework for understanding long-term landform development. This innovative text provides a comprehensive introduction to the subject of global geomorphology, with the emphasis placed on large-scale processes and phenomena. Integrating global tectonics into the study of landforms and incorporating planetary geomorphology as a major component the author discusses the impact of climatic change and the role of catastrophic events on landform genesis and includes a comprehensive study of surface geomorphic processes.

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Customer Reviews

The plate tectonics revolution in the earth sciences has provided a valuable new framework for understanding long-term landform development. This innovative text provides a comprehensive introduction to the subject of global geomorphology, with the emphasis placed on large-scale processes and phenomena. Integrating global tectonics into the study of landforms and incorporating planetary geomorphology as a major component the author discusses the impact of climatic change and the role of catastrophic events on landform genesis and includes a comprehensive study of surface geomorphic processes.

This book is a good complement to my Physical Landscapes class. It provides great diagrams and good explanation of the concepts.

It's good quality, everything is nice.

It is a good book to read aside from my lectures. Very informative content and well explained concepts. I liked the way they "highlight" each key term in the text. So that I can easily spot what I need to know more about when flipping through the dense text.

I LIKED SO MUCH TO BUY IN THIS SITE. MY PRODUCT ARRIVED BEFORE I HOPE. I THINK THAT IT IS NOT EXPENSIVE AND THE RETURNS IS RIGHT. THANKS

This was my textbook for a STUDY OF LANDFORMS, a course I needed for my undergraduate Minor (Geography) several years ago. I was immediately impressed by the thorough coverage provided by Summerfield. The work starts with the basics: s-waves and p-waves and a brief introduction to seismology, a look at the apparent strata of the earth from the core to the atmosphere, and an introduction to endogenic (earth-originated) - e.g. mantle plumes and the "conveyor belt" effect leading to the movement of the lithosphere on the asthenosphere - and exogenic (largely solar-related) processes - e.g., wind - which provide the energy for plate tectonics and the building up & erosion of land forms. Following this the work takes a more in-depth look at topics such as various forms of uplift (orogenic and epirogenic processes such as block faulting, folding and igneous-related activity) followed by individual chapters on processes relating to coastlines, deserts, glacial, permafrost & etc. This is an excellent introduction to the earth sciences which treats the subject in a professional manner and largely eschews any indoctrination into or against ecological considerations. Highly recommended!

I find this book to be extremely dull and lifeless. I love studying geomorphology, but this book is almost enough to turn me away. The graphs, diagrams, and charts are overwhelming. It seems to be based more on statistics than observations of how systems really work. The photos are boring and uninspirational. Reading through the text is like slowly dragging my fingernails down a chalkboard. I can barely make it through 5 pages at a time without losing complete interest. The explanations of how systems and processes work makes no sense to me. I find myself having to cross reference this text with other geology texts from different classes. Also, many of the people that are quoted are from the 1940's and '50's. Ridiculous!! It reads like a computer assembly manual in Japanese. Granted, the text does cover a wide range of geomorphological features, it does not cover them well.

A wide ranging, well written summary of geomorphic knowledge. This is one of the better introductions to the interesting field of geomorphology and I whole-heartedly recommend this book.

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