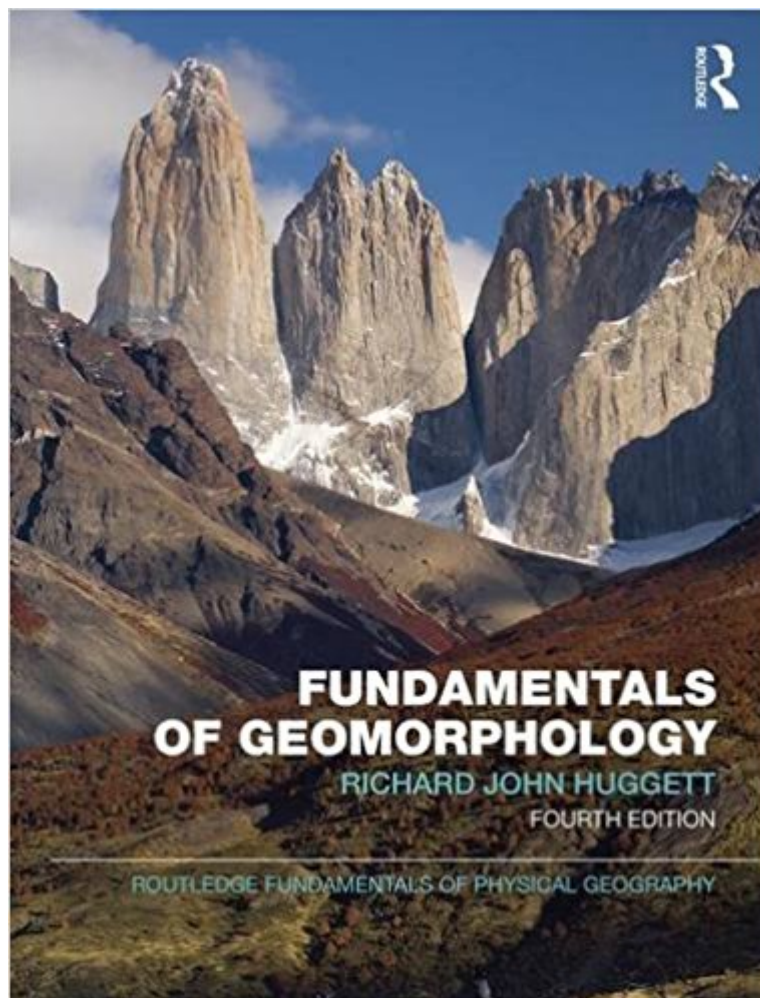




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# Fundamentals Of Geomorphology (Routledge Fundamentals Of Physical Geography)



## Synopsis

The new fourth edition of *Fundamentals of Geomorphology* continues to provide a comprehensive introduction to the subject by discussing the latest developments in the field, as well as covering the basics of Earth surface forms and processes. The revised edition has an improved logically cohesive structure, added recent material on Quaternary environments and landscapes, landscape evolution and tectonics, as well as updated information in fast-changing areas such as the application of dating techniques, digital terrain modelling, historical contingency, preglacial landforms, neocatastrophism, and biogeomorphology. The book begins with a consideration of the nature of geomorphology, process and form, history, and geomorphic systems, and moves on to discuss: Endogenic processes: structural landforms associated with plate tectonics and those associated with volcanoes, impact craters, and folds, faults, and joints. Exogenic processes: landforms resulting from, or influenced by, the exogenic agencies of weathering, running water, flowing ice and meltwater, ground ice and frost, the wind, and the sea; landforms developed on limestone; and long-term geomorphology, a discussion of ancient landforms, including palaeosurfaces, stagnant landscape features, and evolutionary aspects of landscape change. Featuring over 400 illustrations, diagrams, and tables, *Fundamentals of Geomorphology* provides a stimulating and innovative perspective on the key topics and debates within the field of geomorphology. Written in an accessible and lively manner, and providing guides to further reading, chapter summaries, and an extensive glossary of key terms, this is an indispensable undergraduate level textbook for students of physical geography.

## Book Information

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"In this fourth edition, Richard J. Huggett updates what has become the best available text for introductory undergraduate courses in Geomorphology. It is a modern, comprehensive, wide-ranging, and well-illustrated treatment, which is particularly strong on explaining important concepts." Andrew Goudie, Emeritus Professor of Geography, University of Oxford, UK "The fourth edition of this popular textbook is a good place to start one's reading, because it assumes little prior knowledge about geomorphology and is clearly and concisely written. The style of the book is engaging and the author successfully conveys a freshness and enthusiasm for the subject, combining well-known topics with new ones, from etchplains to LiDAR, and plate tectonics to human impacts on the landscape." Julian Murton, Professor of Permafrost Science, Department of Geography, University of Sussex, UK

Richard John Huggett is a retired Reader in Physical Geography at the University of Manchester, UK.

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