

The SAGE Handbook of Geomorphology

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Geomorphology is the study of the Earth's diverse physical land surface features and the dynamic processes that shape these features. Examining natural and anthropogenic processes, The SAGE Handbook of Geomorphology is a comprehensive exposition of the fundamentals of geomorphology that examines form, process, and history in the discipline.

Organized into four sections, the Handbook is an overview of foundations and relevance, including the nature and scope of geomorphology, the origins and development of geomorphology, the role and character of theory in geomorphology, the significance of models and abstractions to geomorphology; techniques and approaches, including geomorphological mapping, field observations and experimental design, remote sensing in geomorphology, quantifying rates of erosion, measuring fluid flows and sediment fluxes, dating surfaces and sediment, GIS in geomorphology, and modelling landforms and processes; process and environment, including rock weathering, the evolution of regolith, hill slopes, riverine environments, glacial environments, periglacial environments, coastal environments, desert environments, karst landscapes, environmental change and anthropogenic activity; and environmental change, including geomorphology and environmental management, geomorphology and society, and planetary geomorphology.

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editorial:

Review

Geomorphology has been substantially transformed over the past couple of decades and it is fitting that the peak international body should generate a comprehensive description at this time. The book provides an overview of the whole discipline, instructive to those insiders who may have become absorbed in one of its many branches as well as to those outside the discipline, bringing them up to date on the state of geomorphology in the early 21st century

Geographical Research

[*The SAGE Handbook of Geomorphology* is] aimed primarily at academics, researchers and postgraduate students... The handbook considered here comprises 33 chapters written and co-written by 49 contributors from around the world, but predominantly from North America, the UK and Australia. It is edited by two eminent and committed British geomorphologists with long careers and impeccable credentials for the task... [*The SAGE Handbook of Geomorphology*] provides

excellent up-to-date summaries of the current state of knowledge and reading lists for different areas of the subject, as well as succinct reviews of different stages of the historical development of the discipline.

Richard A Shakesby

Swansea University

About the Author

Ken Gregory obtained his BSc, PhD and DSc from the University of London, was made CBE in 2007 for services to geography and higher education, and is currently President of the British Society for Geomorphology. Research interests include river channel change and management, palaeohydrology and the development of physical geography, and he has written more than 140 papers, authored and edited 30 books

including *The Earth's Land Surface* (2010) and *The SAGE Handbook of Geomorphology* (2011). He has 3 Honorary degrees, and received the Founder's Medal of the Royal Geographical Society (1993), the Linton award of the BGRG (1999), and the Geographical medal of the Royal Scottish Geographical Society (2000).

Andrew Goudie is Professor of Geography at the University of Oxford and President of the British Institute in Eastern Africa.

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