1. Record Nr. UNINA9910454491203321

Titolo	Geomorphology and global environmental change / / edited by Olav Slaymaker, Thomas Spencer, Christine Embleton-Hamann [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2009
ISBN	1-107-19907-7 0-511-62705-X 0-511-59327-9 0-511-59234-5 0-511-65126-0 0-511-59520-4
Descrizione fisica	1 online resource (xvi, 434 pages) : digital, PDF file(s)
Disciplina	551.41
Soggetti	Climatic geomorphology Environmental geomorphology Global environmental change Landscape changes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Half-title; Title; Copyright; Contents; Contributors; Preface; Acknowledgements; Acronyms and abbreviations; 1 Landscape and landscape-scale processes as the unfilled niche in the global environmental change debate: an introduction; 2 Mountains; 3 Lakes and lake catchments; 4 Rivers; 5 Estuaries, coastal marshes, tidal flats and coastal dunes; 6 Beaches, cliffs and deltas; 7 Coral reefs; 8 Tropical rainforests; 9 Tropical savannas; 10 Deserts; 11 Mediterranean landscapes; 12 Temperate forests and rangelands; 13 Tundra and permafrost-dominated taiga; 14 Ice sheets and ice caps 15 Landscape, landscape-scale processes and global environmental change: synthesis and new agendas for the twenty-first century Index
Sommario/riassunto	How will global environmental change affect the landscape and our interaction with it? Apart from climate change, there are other

important catalysts of landscape change, including relief, hydroclimate and runoff, sea level variations and human activity. This volume summarises the geomorphic implications of global environmental change, analysing such effects on lakes, rivers, coasts, reefs, rainforests, savannas, deserts, glacial features, and mountains. Providing a benchmark statement from the world's leading geomorphologists on the state of, and potential changes to, the environment, this book is invaluable for advanced courses on geomorphology and environmental science, and as a reference for research scientists. Interdisciplinary in scope, with a primary audience of Earth and environmental scientists, geographers, geomorphologists and ecologists, it also has a wider reach to those concerned with the social, economic and political issues raised by global environmental change, and is useful to policy makers and environmental managers.