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Titolo	Landscape and Quaternary Environmental Change in New Zealand // edited by James Shulmeister
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Descrizione fisica	1 online resource (XIII, 334 p. 78 illus., 53 illus. in color.)
Collana	Atlantis Advances in Quaternary Science ; ; 3
Disciplina	910
Soggetti	Geography Climate Environment Earth sciences Geography, general Climate, general Environment, general Earth Sciences, general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	1. Quaternary tectonics of New Zealand -- 2. The southern end of the Pacific ring of fire: Quaternary volcanism in New Zealand -- 3. The climate of New Zealand through the Quaternary -- 4. Quaternary stratigraphy of Whanganui Basin – a globally significant archive -- 5. Blowing on the west wind. The most recent Quaternary Glaciation of New Zealand -- 6. Mountain process geomorphology: conceptual progress in the Southern Alps -- 7. Evolution and ecological change during the New Zealand Quaternary -- 8. The Human Landscape: Population origins, settlement and impact of human arrival in Aotearoa/New Zealand -- 9. Adrift in the Anthropocene.
Sommario/riassunto	This book brings together an overview of the recent geological history, active earth and biological processes and human settlement of New Zealand. Topics covered include the very active neotectonic and volcanic setting. Mountain geomorphic processes are examined and new ideas about landsliding are highlighted. The exceptional sedimentary archives of the Whanganui Basin are also presented. As

one of two land masses that extend into the southern mid-latitudes, New Zealand is ideally located to investigate changes in Southern Ocean climate. Related to this, mountain glaciation in New Zealand is a focus in global climate change debates. New Zealand also has a unique biota due to its long isolation and is the last major land mass to be settled by people. Advances in DNA technologies have revolutionised our understanding of the histories and processes involved. The book provides a comprehensive review of existing work and highlights new ideas and major debates across all these fields.
