1. Record Nr. UNINA9910583302703321 Autore Williams Paul W. Titolo New Zealand landscape: behind the scene // Paul W. Williams Pubbl/distr/stampa Amsterdam, Netherlands:,: Elsevier,, 2017 ©2017 **ISBN** 0-12-812565-9 0-12-812493-8 Descrizione fisica 1 online resource (484 pages): illustrations Disciplina 919.31 Soggetti Landscapes - New Zealand New Zealand Description and travel Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references at the end of each chapters and index. Nota di contenuto The creation of Zealandia -- Emergence of New Zealand -- Volcanic landscapes -- Wearing it down -- Rivers and their landscapes -- Karst, subterranean rivers and caves -- Glaciations and climate change --Coasts: the mobile interface between land and sea -- Living in the landscape. Sommario/riassunto "New Zealand Landscape: Behind the Scene explores the geomorphology of New Zealand, describing how the landscapes developed and how some of the individual features that make up the scene evolved. It commences at the very beginning with the microcontinent Zealandia breaking away from Gondwana, and follows the evolution of the landmass and its landforms until the present day. It explores the effect of climate change on the islands' landscape and, in particular, the interaction of tectonic and climatic processes as the mountain ranges emerged. The book investigates the origins of many landscape features, including New Zealand's volcanoes and mountains, rivers and fluvial landscapes, glacial fjords and glacial history, karst and caves, and landform evolution at the mobile land-sea interface.

> New Zealand Landscape concludes with a review of the suite of geophysical hazards that occur in New Zealand and confront people living in the landscape. It considers the risk that these hazards present

and the measures sometimes taken to mitigate them"--