1. Record Nr. UNINA9910418328103321 Autore Al Saud Mashael M. Titolo Sustainable land management for NEOM Region / / Mashael M. Al Saud Pubbl/distr/stampa Cham, Switzerland:,: Springer,, [2020] ©2020 **ISBN** 3-030-57631-0 Edizione [1st ed. 2020.] Descrizione fisica 1 online resource (XVIII, 220 p. 57 illus., 46 illus. in color.) Disciplina 333.7313 Soggetti Sustainable development - Saudi Arabia - Tabuk (Province) Land use - Environmental aspects - Saudi Arabia - Tabuk (Province) Land use - Environmental aspects Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Chapter 1. NEOM Region -- Chapter 2. Land Management -- Chapter 3. Nota di contenuto Physical Characteristics -- Chapter 4. Thematic Maps -- Chapter 5. Drainage Basins -- Chapter 6. Potential Natural Resources -- Chapter 7. Biodiversity -- Chapter 8. Natural Hazards -- Chapter 9. Compatible Land Management -- Chapter 10. Discussion and Conclusion. This book is the first of its type on NEOM Region, NW of Saudi Arabia. Sommario/riassunto This region has been designated in 2017 to be an international economic hub. However, no studies have been done on this region which occupies several natural resources including remarkable landscape with unique ecological species, ores and water resources. The region is also vulnerable to many aspects of threatening natural hazards. Based on her expertise, namely geomorphological processes, earth sciences, space techniques and natural risk assessment, the author made an initiative to produce this book using advanced tools, specifically satellite images and geo-information system. The book introduces several thematic maps obtained for the first time for NEOM Region. Hence, it represents a scientific guide for land management and urban planning approaches. This book is a very significant document for a variety of readers and researchers including decision makers, land managers and planners, as well as geographers and

geologists. In addition, the basic concepts and new approaches attract

researchers and academic teams including students, universities and research centers not only in Saudi Arabia, but in different parts of the World.