

1. Record Nr.	UNINA9910437791503321
Titolo	Restoration of Coastal Dunes [[electronic resource] /] / edited by Luisa M Martínez, Juan B. Gallego-Fernández, Patrick A. Hesp
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
ISBN	1-299-33658-2 3-642-33445-8
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (343 p.)
Collana	Springer Series on Environmental Management, , 0172-6161
Disciplina	639.9 639.99
Soggetti	Environmental management Conservation biology Ecology Landscape ecology Regional planning Urban planning Geomorphology Geoecology Environmental geology Environmental Management Conservation Biology/Ecology Landscape Ecology Landscape/Regional and Urban Planning Geoecology/Natural Processes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Coastal dunes: Human Impact and Need for Restoration -- Foredune Restoration in Urban Settings -- Restoration of Coastal Foredunes, A Geomorphological Perspective: Examples from New -- Natural Plant Diversity Development on a Man-Made Dune System -- Restoration of Foredunes and Transgressive Dunefields – Case studies from New Zealand -- Foredune Restoration Before and After Hurricanes:

Inevitable Destruction, Certain Reconstruction.-Restoration of Dune Mobility in The Netherlands -- The Impact of Dune Stabilisation on the Conservation Status of Sand Dune Systems in Wales -- Restoration of Andalusian Coastal Juniper Woodlands -- Dune Restoration over Two Decades at the Lanphere and Ma-le'l Dunes in Northern California -- Restoration of Coastal Sand Dunes for Conservation of Biodiversity – the Israeli Experience -- Passive Recovery of Mediterranean Coastal Dunes Following Limitations to Human Trampling -- Restoration of Dune Ecosystems Following Mining in Madagascar and Namibia: Contrasting Restoration Approaches Adopted in Regions of High and Low Human Population Density -- The Impacts on Natural Vegetation Following the Establishment of Exotic Casuarina Plantations -- Restoration of Dune Vegetation in the Netherlands -- Interdune Wetland Restoration in Central Veracruz Mexico: Plant Diversity Recovery Mediated by Hydroperiod -- The Value of Coastal Sand Dunes as a Measure to Plan an Optimal Policy for Invasive Plant Species: the Case of the *Acacia saligna* at the Nizzanim LTER Coastal Sand Dune Nature Reserve, Israel -- The Coasts and Their Coasts -- Multicriteria Analysis to Implement Actions Leading to Coastal Dune Restoration -- Coastal Dune Restoration: Trends and Perspectives.

Sommario/riassunto

The continuously growing human population along the world's coasts will exacerbate the impact of human activities on all coastal environments. Restoration activities will therefore become increasingly important. In particular, sandy shores and coastal dunes will require significant restoration efforts because they are preferred sites for human settlement, industrial and urban development and tourism. With this book experts in the field present a comprehensive review of restoration studies and activities, where 'successful' and 'failed' studies or approaches from around the world are contrasted and compared. A major asset the book provides is a compendium of studies showing that coastal dune restoration has many definitions and thus leads to many different actions. This volume addresses those with an interest in conservation ecology and biology, coastal dune dynamics and geomorphology, and coastal management who are seeking information on the different strategies for coastal dune restoration applied in different regions of the world. Finally, it will be a valuable resource for coastal scientists and planners, as well as for local and state officials, residents of coastal communities, environmental advocates and developers.
