

1. Record Nr.	UNINA9910142970803321
Titolo	Aeolian sediments [[electronic resource] ] : ancient and modern // edited by K. Pye and N. Lancaster
Pubbl/distr/stampa	Oxford ; ; Boston, : Blackwell Scientific Publications, 1993
ISBN	1-282-17162-3 9786612171628 1-4443-0397-X 1-4443-0398-8
Descrizione fisica	1 online resource (181 p.)
Collana	Special publication number 16 of the International Association of Sedimentologists
Altri autori (Persone)	PyeKenneth LancasterNicholas <1948->
Disciplina	551.3/7 551.37
Soggetti	Wind erosion Eolian processes Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Aeolian Sediments; Contents; Preface; Modern Aeolian Environments; Particle dislodgement from a flat sand bed by wind: a re-analysis of Willetts & Rice's data; Aeolian dynamics on the windward slope of a reversing transverse dune, Alexandria coastal dunefield, South Africa; Late Quaternary development of coastal parabolic megadune complexes in northeastern Australia; The modern and ancient pattern of sandflow through the southern Namib deflation basin; Internal structure of an aeolian dune using ground-penetrating radar Origins and sedimentary features of supersurfaces in the northwestern Gran Desierto Sand SeaAncient Aeolian Environments; Aeolian genetic stratigraphy: an example from the Middle Jurassic Page Sandstone, Colorado Plateau; Downwind changes within an ancient dune sea, Permian Cedar Mesa Sandstone, southeast Utah; Low-stand aeolian influence on stratigraphic completeness: upper member of the Hermosa Formation (latest Carboniferous), southeast Utah, USA; Draa

reconstruction, the Permian Yellow Sands, northeast England T. Chrintz and L.B. Clemmensen; Index

---

Sommario/riassunto

Studies of aeolian sediments, both ancient and modern, have exhibited a number of important conceptual advances in recent years. In particular, there has been a move away from descriptions of sediments, bedforms and sedimentary environments toward a new emphasis on the dynamics of aeolian depositional systems at different temporal and spatial scales, and their response to external changes in sea levels, regional and global climates and tectonics. This Special Publication contains a selection of papers that were presented at the Symposium "Aeolian Sediments: Ancient and Modern" held in 1990.

---