

1. Record Nr.	UNINA9910139964403321
Autore	Goldberg Paul
Titolo	Practical and theoretical geoarchaeology [[electronic resource]] / Paul Goldberg and Richard I. Macphail
Pubbl/distr/stampa	Malden, MA ; ; Oxford, : Blackwell Publishing, 2006
ISBN	1-118-68818-X 1-282-37119-3 9786612371196 1-4443-1225-1
Descrizione fisica	1 online resource (478 p.)
Classificazione	15.31
Altri autori (Persone)	MacphailRichard
Disciplina	930.1/028 930.1028
Soggetti	Archaeological geology 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 (p. [404]-441) and index.
Nota di contenuto	Practical and Theoretical Geoarchaeology; Contents; Preface; Acknowledgments; Introduction; Part I Regional scale geoarchaeology; 1 Sediments; 1.1 Introduction; 1.2 Types of sediments; 1.3 Conclusions: sediments versus soils; 2 Stratigraphy; 2.1 Introduction; 2.2 Stratigraphy and stratigraphic principles; Box 2.1 Facies and stratigraphy: The Paleoindian-Archaic site of Wilson-Leonard, Texas; 2.3 Facies and microfacies; 2.4 Correlation; 2.5 Keeping track: the Harris Matrix; 2.6 Conclusions; 3 Soils; 3.1 Introduction Box 3.1 The Five Factors of Soil Formation and Bronze Age Brean Down, United Kingdom3.2 Soil profiles and soil properties; 3.3 The five soil forming factors; Box 3.2 Cold Climate Soils; 3.4 Important soil forming processes; 3.5 Conclusions; 4 Hydrological systems I: slopes and slope deposits; 4.1 Introduction; 4.2 Water movement on slopes; 4.3 Erosion, movement, and deposition on slopes; 4.4 Conclusions; 5 Hydrological systems II: rivers and lakes; 5.1 Introduction; 5.2 Stream erosion, transport, and deposition; 5.3 Stream deposits and channel patterns; 5.4 Floodplains; 5.5 Stream terraces Box 5.1 Upper and Middle Palaeolithic sites of Nahal Zin, Central Negev,

Israel5.6 Lakes; 5.7 Conclusions; 6 Aeolian settings and geoarchaeological environments; 6.1 Introduction; 6.2 Sandy aeolian terrains; Box 6.1: Aeolian features in desert environments1; 6.3 Examples of sites in dune contexts; 6.4 Bioturbation in sandy terrains; 6.5 Fine grained aeolian deposits; 6.6 Conclusions; 7 Coasts; 7.1 Introduction; 7.2 Palaeo sea shores and palaeo coastal deposits; Box 7.1 Boxgrove (United Kingdom) - the marine and salt marsh sequence Box 7.2 Drowned coasts of Essex and the River Severn, United Kingdom7.3 Conclusions; 8 Caves and rockshelters; 8.1 Introduction; 8.2 Formation of caves and rockshelters; 8.3 Cave deposits and processes; Box 8.1 Kebara Cave, Israel; 8.4 Environmental reconstruction; 8.5 Conclusions; Part II Nontraditional geoarchaeological approaches; 9 Human impact on landscape: forest clearance, soil modifications, and cultivation; 9.1 Introduction; 9.2 Forest clearance and soil changes (amelioration, deterioration, and disturbance); 9.3 Forest and woodland clearance features; 9.4 Cultivation and manuring Box 9.1 Cultivation at Late Roman/Saxon Oakley, Suffolk, United Kingdom9.5 Landscape effects; 9.6 Conclusions; 10 Occupation deposits I: concepts and aspects of cultural deposits; 10.1 Introduction; 10.2 Concepts and aspects of occupation deposits; 10.3 Stratigraphic sequences as material culture; concepts and uses of space; 10.4 Time and scale; 10.5 Settlement-landscape interrelationships; 10.6 Origin and predepositional history of occupation deposits; 10.7 Depositional history; 10.8 Postdepositional modifications; 10.9 Conclusions 11 Occupation deposits II: examples from the Near East, North America, and Europe

Sommario/riassunto

Practical and Theoretical Geoarchaeology provides an invaluable overview of geoarchaeology and how it can be used effectively in the study of archaeological sites and contexts. Taking a pragmatic and functional approach, this book presents:a fundamental, broad-based perspective of the essentials of modern geoarchaeology in order to demonstrate the breadth of the approaches and the depth of the problems that it can tackle. the rapid advances made in the area in recent years, but also gives the reader a firm grasp of conventional approaches. covers traditio
