1. Record Nr. UNINA9910783313003321

Titolo	Quaternary climates, environments, and magnetism / / edited by Barbara A. Maher and Roy Thompson [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 1999
ISBN	1-107-11516-7 1-280-41742-0 9786610417421 0-511-17509-4 1-139-14582-7 0-511-06607-4 0-511-05976-0 0-511-32872-9 0-511-53563-5 0-511-06820-4
Descrizione fisica	1 online resource (xii, 390 pages) : digital, PDF file(s)
Disciplina	538/.727
Soggetti	Paleomagnetism - Quaternary Paleoclimatology - Quaternary Paleoecology - Quaternary
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The North Atlantic as a Quaternary magnetic archive / J.S. Stoner and J. T. Andrews -- Palaeomonsoons I : the magnetic record of palaeoclimate in the terrestrial loess and palaeosol sequences / B.A. Maher and R. Thompson -- Palaeomonsoons II : magnetic records of aeolian dust in Quaternary sediments of the Indian Ocean / B.A. Maher and M.W. Hounslow -- Bacterial magnetite and the Quaternary record / P. Hesse and J.F. Stolz -- Incidence and significance of magnetic iron sulphides in Quaternary sediments and soils / I. Snowball and M. Torii -- Holocene environmental change from magnetic proxies in lake sediments / J.A. Dearing -- Magnetic monitoring of air- land- and water-pollution / E. Petrovsky and B.B. Ellwood -- Environmental

	factors affecting geomagnetic field palaeo-intensity estimates from sediments / S.P. Lund and M. Schwartz -- Magnetic cyclostratigraphy : high-resolution dating in and beyond the Quaternary and analysis of periodic changes in diagenesis and sedimentary magnetism / C.G. Langereis and M.J. Dekkers.
Sommario/riassunto	The Quaternary has been a period of major climatic and environmental oscillations, and our knowledge of these past variations is important for our understanding of the possible impact of human activity on the present-day environment. First published in 1999, Quaternary Climates, Environments and Magnetism presents an account of the rich variety of uses of magnetic measurements in the environmental geosciences. Ten chapters by leading world authorities describe the highlights of environmental magnetic work during the last decade and identify directions for future research. Emphasis is placed on a multidisciplinary approach to achieve a more thorough understanding of the environmental processes involved. This volume will be of interest to research scientists from a wide range of disciplines working on Quaternary environments, including earth and environmental sciences, physical geology, geography and palaeoclimatology. It will also be valuable as a supplementary text for graduates and advanced undergraduates.