Record Nr. UNINA9910455000503321 Droughts, food, and culture [[electronic resource]]: ecological change Titolo and food security in Africa's later prehistory / / edited by Fekri A. Hassan New York, : Kluwer Academic/Plenum Publishers, c2002 Pubbl/distr/stampa **ISBN** 1-280-20034-0 9786610200344 0-306-47547-2 Edizione [1st ed. 2002.] Descrizione fisica 1 online resource (368 p.) Altri autori (Persone) HassanFekri A Disciplina 960/.1 Soggetti Prehistoric peoples - Food - Africa Agriculture, Prehistoric - Africa Climatic changes - Africa Paleoclimatology - Africa Electronic books. Africa Antiquities Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Palaeoclimate, Food and Culture Change in Africa: An Overview --Climatic Change -- Rapid Holocene Climate Changes in the Eastern Mediterranean -- Climate During the Late Holocene in the Sahara and the Sahel: Evolution and Consequences on Human Settlement -- Late Pleistocene and Holocene Climatic Changes in the Central Sahara. The Case Study of the Southwestern Fezzan, Libya -- Late Holocene Climatic Fluctuations and Historical Records of Famine in Ethiopia --Environmental and Human Responses to Climatic Events in West and West Central Africa During the Late Holocene -- Plant Cultivation --

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## Sommario/riassunto

Recent droughts in Africa and elsewhere in the world, from China to Peru, have serious implications for food security and grave consequences for local and international politics. The issues do not just concern the plight of African peoples, but also our global ecological future. Global climatic changes become manifest initially in regions that are marginal or unstable. Africa's Sahel zone is one of the most sensitive climatic regions in the world and the events that have gripped that region beginning in the 1970's were the first indicator of a significant shift in global climatic conditions. This work aims to bring archaeology with the domain on contemporary human affairs and to forge a new methodology for coping with environmental problems from an archaeological perspective. Using the later prehistory of Africa as a comparison, the utility of this methodological strategy in interpreting culture change and assessing long-term response to current, global climatic fluctuations is examined and understood.