

1. Record Nr.	UNINA9910392717903321
Titolo	Climate Change Impacts on Agriculture and Food Security in Egypt : Land and Water Resources—Smart Farming—Livestock, Fishery, and Aquaculture / / edited by El-Sayed Ewis Omran, Abdelazim M. Negm
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-41629-1
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XI, 652 p. 115 illus., 105 illus. in color.)
Collana	Springer Water, , 2364-8198
Disciplina	382.410962
Soggetti	Environment Water Hydrology Agriculture Sustainability Pollution Environmental Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introductory Overview -- An Overview of Paleo- climate Evidence in Egypt -- Governance and Institutional Structure of Climate Change in Egypt -- Role of science, technology and innovation in addressing climate change challenges in Egypt -- Impact of Climate Change on Plant-Associated Fungi -- Impacts of Climate Change on Microbial Activity in Agricultural Egyptian soils.
Sommario/riassunto	This book gathers contributions discussing climate change in Egypt from an agricultural perspective. Written by leading experts, it presents state-of-the-art insights and the latest research developments in light of the most recent IPCC report. Focusing on identifying the specific phenomena that affect climate change in Egypt, the book also addresses the effects of climate change in Egypt, particularly examining the quality and quantity of water resources as well as the socio-economic impacts of climate change on agricultural activities. Furthermore, it explores alternative solutions to support agriculture

and food security and raises awareness of adaptation and protection as the key to adapting to the risks posed by climate change. Covering the four fundamental pillars of climate change: food security, availability, access and stability, this book is a valuable resource for stakeholders involved in achieving the 2030 sustainable development goals in Egypt and all countries with similar climatic conditions. It is also a unique source of information and updates on climate change impacts for graduates, researchers, policy planners, and decision-makers.
