

1. Record Nr.	UNINA9910739408603321
Titolo	Climate change and food security in West Asia and North Africa // Mannava V.K. Sivakumar, Rattan Lal, Ramasamy Selvaraju, Ibrahim Hamdan, editors
Pubbl/distr/stampa	Dordrecht, Netherlands : , : Springer, , 2013
ISBN	94-007-6751-X
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (xi, 423 pages) : illustrations (chiefly color), maps
Collana	Gale eBooks
Disciplina	363.73874095
Soggetti	Climatic changes - Middle East Climatic changes - Africa, North Food supply - Middle East Food supply - Africa, North
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.
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Sommario/riassunto

The countries of West Asia and North Africa (WANA) have long had the challenge of providing sustainable livelihoods for their populations in the fragile ecosystems of semi-arid and arid areas. Climate change is already a reality in WANA and it places additional constraints on the already fragile ecosystems of dry areas and limited natural resources in WANA. Hence there is an urgency to develop, and strengthen further, research and technology transfer on adaptation, mitigation and production system resilience. A comprehensive and integrated approach to planning and implementing the climate change adaptation strategies across the wide range of agro-ecosystems in different countries in WANA could help both the planners and the local communities to deal effectively with the projected impacts and also contribute to overall sustainability of agricultural production systems. This book addresses the important issue of climate change and food security in West Asia and North Africa and presents perspectives from different sub-regions in WANA. The mitigation and adaptation options for different agro-economic sectors in WANA as well as policy, financial, institutional and cooperation issues are discussed. These could help in the development of new policies to better adapt agriculture production systems and enhance food security in WANA.

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