

1. Record Nr.	UNINA9910437934703321
Titolo	Sustainable food security in the era of local and global environmental change / / Mohamed Behnassi, Olaf Pollmann, Gabrielle Kissinger, editors
Pubbl/distr/stampa	New York, : Springer, 2013
ISBN	94-007-6719-6
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (364 p.)
Altri autori (Persone)	BehnassiMohamed PollmannOlaf KissingerGabrielle
Disciplina	338.19 363.8
Soggetti	Food security - Environmental aspects Food supply - Environmental aspects
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.
Nota di contenuto	pt. I. Combating food insecurity : a global responsibility -- pt. II. Managing linkages between climate change and food security -- pt. III. Food security and food production and consumption patterns -- pt. IV. Enhancing food security by innovation : selected successful practices.
Sommario/riassunto	This volume discusses a broad range of vital issues encompassing the production and consumption of food in the current period of climate change. All of these add up to looming, momentous challenges to food security, especially for people in regions where malnutrition and famine have been the norm during numerous decades. Furthermore, threats to food security do not stop at the borders of more affluent countries – governance of food systems and changes in eating patterns will have worldwide consequences. The book is arranged in four broad sections. Part I, Combating Food Insecurity: A Global Responsibility opens with a chapter describing the urgent necessity for new paradigm and policy set to meet the food security challenges of climate change. Also in this section are chapters on meat and the dimensions of animal welfare, climate change and sustainability; on dietary options for mitigating climate change; and the linkage of forest and food production in the

context of the REDD+ approach to valuation of forests. Part II, Managing Linkages Between Climate Change and Food Security offers a South Asian perspective on Gender, Climate Change and Household Food Security; a chapter on food crisis in sub-Saharan Africa; and separate chapters on critical issues of food supply and production in Nigeria, far-Western Nepal and the Sudano-Sahelian zone of Cameroon. Part III examines Food Security and patterns of production and consumption, with chapters focused on Morocco, Thailand, Bahrain, Kenya and elsewhere. The final section discusses successful, innovative practices, with chapters on Food Security in Knowledge-Based Economy; Biosaline Agriculture in the Gulf States; Rice production in a cotton zone of Benin; palm oil in the production of biofuel; and experiments in raised-bed wheat production. The editors argue that technical prescriptions are insufficient to manage the food security challenge. They propose and explain a holistic approach for adapting food systems to global environmental change, which demands the engagement of many disciplines – a new, sustainable food security paradigm.
