

1. Record Nr.	UNINA9910337903303321
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Titolo	The Climate-Smart Agriculture Papers [[electronic resource] ] : Investigating the Business of a Productive, Resilient and Low Emission Future // edited by Todd S. Rosenstock, Andreea Nowak, Evan Girvetz
Pubbl/distr/stampa	Cham, : Springer Nature, 2019 Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-319-92798-1
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (X, 321 p. 63 illus., 57 illus. in color.)
Disciplina	333.7
Soggetti	Environmental management Agriculture Climate change Soil science Soil conservation Environmental law Environmental policy Environmental Management Climate Change Soil Science & Conservation Environmental Law/Policy/Ecojustice
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1-An introduction to the climate-smart agriculture papers -- Chapter 2-Future climate projections in Africa: where are we headed? -- Chapter 3-Climate change and infectious livestock diseases: the case of rift valley fever and tick-borne diseases -- Chapter 4-Large scale crop suitability assessment under future climate using the ecocrop model: the case of six provinces in Angola'sPlanalto region -- Chapter 5-Understanding the role of soils and management on crops in the face of climate uncertainty in Zimbabwe: a sensitivity analysis -- Chapter 6-Role and challenges of the private seed sector in developing

and disseminating climate-smart crop varieties in Eastern and Southern Africa -- Chapter 7-Fast-tracking the development and dissemination of a drought-tolerant maize variety in Ethiopia in response to the risks of climate change -- Chapter 8-Access to early generation seed: obstacles for delivery of climate-smart varieties -- Chapter 9-Climate change and seed systems of roots, tubers and bananas: the cases of potato in Kenya and sweet potato in Mozambique -- Chapter 10-Delivering perennial new and orphan crops for resilient and nutritious farming systems -- Chapter 11-Generating farm-validated variety recommendations for climate adaptation -- Chapter 12-What is the evidence base for climate-smart agriculture in East and Southern Africa? a systematic map -- Chapter 13-Understanding the multidimensionality of climate-smartness: examples from agroforestry in Tanzania -- Chapter 14-A participatory approach to assessing the climate-smartness of agricultural interventions: the Lushoto case -- Chapter 15-Household welfare effects of stress: tolerant varieties in Northern Uganda -- Chapter 16-Considering religion and tradition in climate smart agriculture: insights from Namibia -- Chapter 17-The role of farmers' entrepreneurial orientation on agricultural innovations in Ugandan multi-stakeholder platforms -- Chapter 18-Shea butter: a pro-poor, pro-female route to increased income -- Chapter 19-One size does not fit all: private-sector perspectives on climate change, agriculture and adaptation -- Chapter 20-Climate-smart agricultural value chains: risks and perspectives -- Chapter 21-Nutrition-sensitive value chain development in a changing climate -- Chapter 22-Realising ambitious targets and metrics for private-sector action on climate risks -- Chapter 23-The role of learning alliances for creating an enabling climate-change policy environment in East Africa -- Chapter 24-Farmer-to-farmer extension: a low-cost approach for promoting climate-smart agriculture -- Chapter 25-Innovative partnerships to scale up climate-smart agriculture for smallholder farmers in Southern Africa -- Chapter 26-Rural finance to support climate change adaptation: experiences, lessons and policy perspectives.

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### Sommario/riassunto

This book is open access under a CC BY 4.0 license. This volume shares new data relating to Climate-Smart Agriculture (CSA), with emphasis on experiences in Eastern and Southern Africa. The book is a collection of research by authors from over 30 institutions, spanning the public and private sectors, with specific knowledge on agricultural development in the region discussed. The material is assembled to answer key questions on the following five topic areas: (1) Climate impacts: What are the most significant current and near future climate risks undermining smallholder livelihoods? (2) Varieties: How can climate-smart varieties be delivered quickly and cost-effectively to smallholders? (3) Farm management: What are key lessons on the contributions from soil and water management to climate risk reduction and how should interventions be prioritized? (4) Value chains: How can climate risks to supply and value chains be reduced? and (5) Scaling up: How can most promising climate risks reduction strategies be quickly scaled up and what are critical success factors? Readers who will be interested in this book include students, policy makers, and researchers studying climate change impacts on agriculture and agricultural sustainability. .

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