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Nota di contenuto	Foreword -- Acknowledgements -- About the editors -- About the contributors -- Abbreviations and acronyms -- Chapter 1. Introduction. Part 1. Evidence of climate change and its effects on the continent. Chapter 2. Climate change and water degradation: challenges for sustaining human security in the Lake Chad Basin -- Chapter 3. Rainfall variability and crop production: the maze climate change brought to rain-fed agriculture -- Chapter 4. Maize innovation for climate change adaptation: evidence from rural Nigeria -- Chapter 5. Application of traditional knowledge in predicting and adapting to climate: indicators of change and coping strategies for rural communities in the central rift valley of Ethiopia -- Chapter 6. Climate change adaptation through sound land use planning: while the world ticks, Ethiopia lags. Part II. Green and low carbon economy opportunities for Africa. Chapter 7. Embracing the green economy: concepts and concerns -- Chapter 8. The implications of a transition to a green economy in the African context -- Chapter 9. Exploring the challenges and opportunities for low carbon climate resilient development in Africa -- Chapter 10. Cities as green economy drivers: making a case for green cities in South Africa. Part III. Renewable energy solutions to Africa's energy challenges. Chapter 11. The

development and diffusion of biofuels as an adaptation strategy in Zimbabwe -- Chapter 12. Defining parameters for sustainable hydropower generation in light of climate change: a case study of Zambia's Kafue Flats -- Chapter 13. Conclusion.

Sommario/riassunto

Africa is one continent severely affected by the ravaging effects of global environmental change yet it is least responsible for this. The continent is rural and urban poor are particularly vulnerable to reduced agricultural production, worsening food security, increased incidence of both flooding and drought, spreading of disease and heightening risk of conflict over scarce land and water resources. As such this timely book consisting of chapters authored by scholars from multi-disciplinary backgrounds provides the reader a variety of contexts from which to understand the impacts of global environment.
