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Sommario/riassunto

This book discusses emerging contexts of global warming and climate change, agricultural vulnerability and adaptation from local to global scale. Climate change, resilience in relation to agriculture and livelihoods and multi-dimensionality of various approaches are clearly taken into account by providing studies and perspectives on various methods and scales based on natural science to social science frameworks. This edited work contains chapters that are interdisciplinary, covering climate change, agriculture vulnerability, disaster impact, productivity efficiency, food security, livelihood resilience, land degradation, sustainability, in terms of plan and perform for transformation, sustainability and adaptation, including philosophy, change and economics, as well as the natural sciences. This book addresses the sustainable development goals to reduce the adverse impacts on agricultural productivity brought on by climate change and its adaptation and disaster risk reduction in developing and developed nations. Some of the assessed challenges include soil erosion, land use conversion, natural resource mismanagement, crop productivity decline and economic stagnation. This book covers important issues in the production and consumption of food in the past and present periods, agriculture, livelihood, and climate change, disaster risk management and society. All of these are under the threat

of ongoing climate change and significant challenges to livelihood sustainability. The book is arranged into five broad sections: each part will cover a set of chapters dealing with a particular issue of the climate change, agriculture and society: approach toward sustainability. This book aims to attract attention of students, researchers, academician, policymakers and other inquisitive readers interested in different aspects of climate change, agriculture, livelihood and sustainability, particularly at local to global context.