

“The illustrative experiences and lessons on community-based adaptation in this book provide a foundation for enhancing south-south knowledge sharing and building of institutional frameworks for financing and scaling up community-based adaptation. Building the resilience of households and communities at the forefront of the impact of climate change must be integral to Africa’s sustainable economic transformation. This book shows what has worked, what challenges remain to be addressed and how to scale up successful practices. It is a must read.”

Professor Kevin Chika Urama, Senior advisor to the President on Energy, Green Growth and Climate Change, African Development Bank

“A fundamental problem in climate policy is finding ways to integrate a global and national issue with the management of diverse local risks and vulnerabilities. This timely and insightful book provides new evidence from community case studies. These help to demonstrate how the measurement and implementation of adaptation across varied communities can make essential contributions in conceptual and institutional contexts. The case studies also facilitate improved implementation and effective financial allocations.”

Ian Burton, Emeritus Professor, University of Toronto

“The impacts of climate change fall mostly on poor and vulnerable communities in developing countries and effective adaptation is a requisite for their survival. This book suggests a credible approach to implementing and measuring effective adaptation in developing contexts.”

Sokona Youba, Special Advisor for Sustainable Development at South Centre and also Honorary Professor at UCL.

ENHANCING ADAPTATION TO CLIMATE CHANGE IN DEVELOPING COUNTRIES THROUGH COMMUNITY-BASED ADAPTATION

Think Globally and Act Locally

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Abbreviations and acronyms

ACTS	African Centre for Technology Studies
ANACIM	Agence Nationale de l'aviation civile et de la Météorologie
ANDM	Alfred Nzo District Municipality
ASA	Adaptive Sustainable Agriculture
CAADP	Comprehensive Africa Agricultural Programme
CBA	Community-based Adaptation
CCAFS	CGIAR Research Program on Climate Change, Agriculture and Food Security
CIRAD	Centre Internationale pour la recherche agricole et le développement
CNAAS	Compagnie Nationale des assurances agricole du Sénégal
CoDriVE-PD	Community Driven Vulnerability Assessment Programme Designer
CSA	Conservation South Africa
DEA	Department of Environmental Affairs
DEADP	Department of Environmental Affairs and Development Planning
DEDEA	Department of Economic Development and Environmental Affairs
DFID	Department for International Development
EDM	Eden District Municipality
EU	European Union
FAO	Food and Agriculture Organization of the United Nations
ICRAF	World Agroforestry Centre
IDP	Integrated Development Plan
IDRC	International Development Research Centre
IFAD/FIDA	International Fund for Agricultural Development
IMD	India Meteorological Department
IPCC	Intergovernmental Panel on Climate Change
IRI	International Research Institute
ISRA	Institut sénégalaise de recherche agronomique
IWMP	Integrated Watershed Management Program
JPA	Joint Principles for Adaptation
KPA	Key Performance Area

M&E	Monitoring and Evaluation
NABARD	National Bank for Agriculture and Rural Development
NAPAs	National Adaptation Programmes of Action
NAPs	National Adaptation Plans
NDM	Namakwa District Municipality
NDMA	National Drought Management Authority
NEMA	National Environment Management Authority
NGO	Non-governmental Organization
OXFAM	Oxford Committee for Famine Relief
PG	PlaNetGuarantee
RE/ER	Relative evapotranspiration
SANA	Situational Analysis and Needs Assessment
SDC	Swiss Agency for Development and Cooperation
SFD	Systèmes financiers décentralisés
UNDP	United Nations Development Programme
UNEP	United Nations Environment Programme
UNFCC	United Nations Framework Convention on Climate Change
VDC	Village Development Committee
WFP/ PAM	World Food Programme
WOTR	Watershed Organisation Trust
WRMF	Weather Risk Management Facility
WSD	Watershed Development
WWF	World Wide Fund for Nature

Foreword

Our understanding of what community-based adaptation (CBA) is and what it is not has significantly increased over the last few years. This is thanks to growing research and stakeholder engagement such as through the annual CBA conferences organized by the International Institute for Environment and Development (IIED), the African Centre for Technology Studies (ACTS) and a wide array of partners. Over my seven years' experience overseeing climate change adaptation projects in Africa and Asia under two flagship programmes (CCAA, 2009 – 2012; CARIAA, 2013 to-date), I have come across numerous cases that demonstrate what works and what does not for CBA in both continents.

Based on this experience, I find that this book uniquely draws rich evidence from empirical cases in an effort to strengthen the CBA narrative. It features a wide array of stakeholders experiences from different sectors and professions, hence presenting an inclusive perspective for CBA. It has four themes: a) Conceptual context of CBA; b) Institutional context of CBA; c) Implementation context of CBA; and d) Financial context for CBA. The themes collectively challenge the common view that CBA is a narrow, local-focused agenda with little potential to address the broader magnitude of climate change. Instead, the contributors present the argument that CBA provides a tool for governing the devolution of adaptation policies, technologies and resources to the local level and aligning these to local needs, priorities and knowledge.

The conceptual context of the book provides useful insights on what CBA really means in the wider adaptation context. Specifically, discussions focus on diverse forms of communities constituting CBA and their interconnectedness across global, regional, national and subnational levels. Interconnected communities inform the institutional context where various actors play. The conceptual theme reveals the value of CBA as a tool for leveraging national and global resources, technologies and capacities for undertaking robust and feasible adaptation on the ground. The implementation context for CBA presents strong evidence based on how interventions are operationalized within very complex local systems including heterogeneous communities, perceptions, beliefs and existing interventions, all of which influence the effectiveness of implementing and measuring CBA. Finally, the book provides critical insights on how financial options for CBA could provide means of implementation, institutional building and technological development for adaptation. A critical challenge, however, remains on how best to devolve climate change finances – whether from the UNFCCC, non-UNFCC multilateral and bilateral sources, as well as national budgetary allocations in a manner that en-

hances the amount and quality of resources available to local communities. In this, the book presents perspectives and lessons on how CBA can help govern a reasonable share of adaptation funds to support on-the-ground actions that in turn strengthens the effectiveness of CBA in line with national and global climate change agenda.

Overall, the book is timely and useful for a wide range of audiences including researchers, students and development actors, among others. Specifically, the book is a source of knowledge to diverse stakeholders in developing countries, especially on options for domesticating provisions of the Paris Agreement into the national and local contexts. It is my hope that the numerous lingering institutional, financial and technological opportunities associated with CBA will finally be unlocked upon reading this book.



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