

Contents

1	Introduction to Book	1
	Joseph Awetori Yaro and Jan Hesselberg	
2	What's on the 5th IPCC Report for West Africa?	7
	Jens O. Riede, Rafael Posada, Andreas H. Fink and Frank Kaspar	
3	Climate Change over West Africa: Recent Trends and Future Projections	25
	Mouhamadou Bamba Sylla, Pinghouinde Michel Nikiema, Peter Gibba, Ibourahima Kebe and Nana Ama Browne Klutse	
4	Seasonal Variability: Impacts, Adaptations and the Sustainability Challenge	41
	Joanna Pardoe, Julia Kloos and Noël Perceval Assogba	
5	An Assessment of Determinants of Adaptive Capacity to Climate Change/Variability in the Rural Savannah of Ghana	59
	Joseph A. Yaro, Joseph K. Teye and Simon Bawakyillenuo	
6	Climate Change, Local Knowledge and Climate Change Adaptation in Ghana	83
	Emmanuel K. Derbile, Francis X. Jarawura and Mohammed Y. Dombo	
7	Building Bonds and Breaking Bridges: Community Based Adaptation (CBA) as a Source of Conflict in a Northern Ghanaian Landscape	103
	Sebastiaan Soeters	
8	Climate Change Adaptation, Education, and Rural Transformation in Northern Ghana. Moving Beyond an Agricultural Focus	121
	Wolfram Laube	

9	Migration as Societal Response to Climate Change and Land Degradation in Mali and Senegal	147
	Stefan Liehr, Lukas Drees and Diana Hummel	
10	The Risk Frontier: Perceiving Social Transformations in Rural and Peri-urban West Africa Through a Territorial Lens	171
	Karsten Schulz and Rapti Siriwardane	
11	Toward Ecosystem-Based Adaptation to Climate Change in West Africa: The Potential Contributions of Non-governmental Organizations	191
	Kofi Akamani	
12	Mapping Social Capital for Adaptation to Climatic Variability in a Savannah Ecosystem of Ghana	215
	G.A.B. Yiran	
13	Conclusions: Emerging Issues and Recommendations	239
	Jan Hesselberg and Joseph A. Yaro	

Adaptation to Climate Change and Variability in Rural
West Africa

Yaro, J.A.; Hesselberg, J. (Eds.)

2016, XII, 244 p. 35 illus., 27 illus. in color., Hardcover

ISBN: 978-3-319-31497-6