
Eromose E. Ebhuoma •
Llewellyn Leonard
Editors

Indigenous Knowledge and Climate Governance

A Sub-Saharan African Perspective

FIB SOZIAL- UND
KULTURANTHROPOLOGIE
in Zusammenarbeit mit ILO/UNESCO

 Springer

Contents

1	Climate Change and Indigenous Knowledge Systems in Africa: An Overview	1
	Eromose E. Ebhuoma and Llewellyn Leonard	
Part I The Role of IKS in Climate Change Mitigation and Adaptation		
2	Indigenous Adaptation of Pastoralists to Climate Variability and Range Land Management in the Ndop Plain, North West Region, Cameroon	13
	Moye Eric Kongso	
3	Adopting Indigenous Knowledge Systems to Enhance Peace Education Programs for Climate Change and Adaptation in Zimbabwe	27
	Ntombizakhe Moyo-Nyoni	
4	Influence of Indigenous Spiritual Beliefs in Natural Resources Management and Climate Change Mitigation and Among the Yorúbás in Nigeria	39
	Musediq Olufemi Lawal, Oluwagbemiga Oluwaseun Ajayi, and Adebayo Emmanuel Akinyemi	
5	Indigenous Women’s Vulnerability to Climate Change and Adaptation Strategies in Central Africa: A Systematic Review	53
	Henry B. Tantoh, Eromose E. Ebhuoma, and Llewellyn Leonard	
6	Climate Change Experts’ Perspective on the Role of Indigenous Knowledge Systems in Climate Change Adaptation in Southern Africa	67
	Shorai Kavuu, Collen Kajongwe, and Eromose E. Ebhuoma	
7	Approaching Positionality in Research on Indigenous Knowledge Systems	81
	Sinoxolo Magaya and Jennifer M. Fitchett	

Part II Integration of Indigenous and Scientific Knowledge Systems to Scale Up Resilience to Climate Change	
8 Making Climate Services Actionable for Farmers in Ghana: The Value of Co-Production and Knowledge Integration	97
Emmanuel Nyadzi, Andy B. Nyamekye, and Fulco Ludwig	
9 Highlighting Avenues to Reconcile Indigenous and Scientific Knowledge to Address Climate Change and Land Degradation in Lesotho: A Case Study of the Maseru District	111
Mulalo Rabumbulu and Itumenleng Masithela	
10 How Corporate Scientific Expertise and Privatised Seeds Are Destroying Indigenous Knowledge Systems for Food Security and Climate Change Mitigation: The Case of Sub-Saharan Africa	127
Llewellyn Leonard	
Part III Integration of Indigenous Knowledge Systems in Climate Change Governance and Planning	
11 Prospects for Strengthening Adaptation Governance Through Indigenous Knowledge Systems	141
Nelson Chanza, Walter Musakwa, and Anton de Wit	
12 Integration of Indigenous Knowledge Systems in Zimbabwe's Climate Change Policy	153
Tariro Kamuti	
13 Enhancing Climate Change Adaptation Through Indigenous Knowledge Systems and Local Governance in Sub-Saharan Africa: A Systematic Review	165
Jane Mbolle Chah, Esdras A. R. Obossou, Eromose E. Ebhuoma, Ifeoma Q. Anugwa, and Divine Ewane	
14 Harnessing Indigenous Knowledge Systems for Enhanced Climate Change Adaptation and Governance: Perspectives from Sub-Saharan Africa	181
Felix K. Donkor and Kevin Mearns	
15 Factors Fuelling the Underrepresentation of Indigenous Knowledge in Climate Change Governance in Kenya and Ethiopia: A Systematic Review	193
Eromose E. Ebhuoma	
16 The Role of Indigenous Knowledge Systems in Climate Change Governance and Action: Conclusions, Recommendations and Future Research Directions	207
Llewellyn Leonard and Eromose E. Ebhuoma	