# Table of Contents

**Preface** .................................................................................................................................................. xv

## Section 1
### Employment, Economic Growth, and Inflation

**Chapter 1**
Asymmetric Equilibrium Adjustment between Employment and Economic Growth in Côte d’Ivoire: A Consistent Momentum Threshold Autoregressive Model ................................................................. 1

*Coffie Francis José N’guessan, Université Félix Houphouët-Boigny, Côte d’Ivoire*

**Chapter 2**
Inflation and Economic Performance in the CFA Franc Zone: Transmission Channels and Threshold Effects ......................................................................................................................... 10

*Komlan Fiodendji, University of Ottawa, Canada
Bernadette Dia Kamgnia, The African Development Bank, Tunisia
Nasser Ary Tanimoune, University of Ottawa, Canada*

**Chapter 3**
A New Keynesian Phillips Curve for South Africa ....................................................................................... 30

*Rulof Burger, University of Stellenbosch, South Africa
Stan du Plessis, University of Stellenbosch, South Africa*

## Section 2
### Development and Equity

**Chapter 4**

*John K. Mduma, University of Dar es Salaam, Tanzania*
Chapter 5
Sources of Income Inequality in Nigeria: Decomposition Approaches.................................................. 66
   A. S. Oyekale, North-West University, South Africa
   A. I. Adeoti, University of Ibadan, Nigeria
   T. O. Oyekale, Institute of Food Security, Environmental Resources and Agricultural
   Research (IFSERAR), Federal University of Agriculture-Abeokuta, Nigeria

Chapter 6
Measuring and Explaining Economic Inequality: An Extension of the Gini Coefficient......................... 87
   C. Chameni Nembua, University of Yaoundé II, Cameroon

Chapter 7
Demand for Health Care in Kenya: The Effects of Information about Quality...................................... 102
   Moses K. Muriithi, University of Nairobi, Kenya
   Germano Mwabu, University of Nairobi, Kenya

Chapter 8
Explaining International Land Transactions in Africa................................................................................. 111
   Yohannes G. Hailu, United Nations Commission for Africa, Rwanda
   Adesoji Adelaja, Michigan State University, USA
   Henry Akaeze, Michigan State University, USA
   Steve Hanson, Michigan State University, USA

Section 3
Regional Impacts

Chapter 9
Simulating Impacts on Regional Economies: A Modeling Alternative.................................................. 132
   Guy R. West, University of Sunshine Coast, Australia
   Randall W. Jackson, West Virginia University, USA

Chapter 10
Regional Structure and Economic Development: Growth Empirics for U.S. Metropolitan Areas .... 153
   David S. Bieri, University of Michigan, USA

Section 4
Technology, Natural Resources, Energy, and Growth

Chapter 11
Population Dynamics, Economic Growth, and Energy Consumption in Kenya ................................. 178
   Nyakundi M. Michieka, West Virginia University, USA
Chapter 12
Embedding New Technologies and Extending Time Horizons in Input-Output Analysis ............... 192
Randall W. Jackson, West Virginia University, USA
Christa D. Court, MRIGlobal and West Virginia University, USA

Chapter 13
Application of Quantitative Methods in Natural Resource Management in Africa: A Review ........ 205
Elias T. Ayuk, United Nations University Institute for Natural Resources in Africa, Ghana
William M. Fonta, United Nations University Institute for Natural Resources in Africa, Ghana
Euphrasie B. Kouame, United Nations University Institute for Natural Resources in Africa, Ghana

Chapter 14
Natural Resources and Welfare: A Study of U.S. States ................................................................. 235
Leslie Dunn, Washington and Jefferson College, USA
Robert Dunn, Washington and Jefferson College, USA

Chapter 15
The Role of Governance in Teledensity and Economic Growth: GMM Estimation .................... 262
Chali Nondo, Albany State University, USA
Mulugeta S. Kahsai, West Virginia University, USA
Peter V. Schaeffer, West Virginia University, USA

Compilation of References ............................................................................................................. 279

About the Contributors .................................................................................................................. 311

Index................................................................................................................................................. 317