# Table of Contents

Foreword ............................................................................................................................................. xvi  
Preface ............................................................................................................................................... xviii

## Section 1  
Opportunities and Challenges of Population Growth and Rapid Urbanization

### Chapter 1  
From Rural Majority to Urban Majority Africans: Where Will They Work? ........................................ 1  
*Umar G. Benna, Ahmadu Bello University, Nigeria*

### Chapter 2  
Water Crises in Urban-Rural Gradients of African Drylands: Insights into Opportunities and Constraints ......................................................................................................................... 23  
*Adnan Abdulhamid, Bayero University Kano, Nigeria*
*Aliyu Barau, Bayero University Kano, Nigeria*

### Chapter 3  
Achieving Sustainable Cities in Saudi Arabia: Juggling the Competing Urbanization Challenges ................................................................. 42  
*Ismaila Rimi Abubakar, University of Dammam, Saudi Arabia*  
*Yusuf Agedoyin Aina, Yanbu Industrial College, Saudi Arabia*

### Chapter 4  
Past, Present and Future Population Growth and Urban Management in Zimbabwe: Putting Institutions into Perspective ................................................................. 64  
*Innocent Chirisa, University of Zimbabwe, Zimbabwe*  
*Aaron Maphosa, University of Zimbabwe, Zimbabwe*  
*Lazarus Zanamwe, University of Zimbabwe, Zimbabwe*  
*Elmond Bandauko, University of Zimbabwe, Zimbabwe*  
*Liaison Mukarwi, University of Zimbabwe, Zimbabwe*

### Chapter 5  
Urbanization in Ghana: Insights and Implications for Urban Governance ........................................... 82  
*Patrick Brandful Cobbinah, Charles Sturt University, Australia*  
*Michael Odei Erdiaw-Kwasie, University of Southern Queensland, Australia*
Section 2
Strategies for Dealing with Opportunities and Challenges

Chapter 6
China’s Population Aging and New Urbanization ................................................................. 106
Mingxing Chen, Institute of Geographic Sciences and Natural Resources Research, China
Hua Zhang, Beijing Normal University, China
Yinghua Gong, Institute of Geographic Sciences and Natural Resources Research, China

Chapter 7
Effective Urban Infrastructure Governance in Africa: Resolving the Wealth-Poverty Paradox........ 125
Peter Elias, University of Lagos, Nigeria
Olatunji Babatola, University of Lagos, Nigeria
Ademola Omojola, University of Lagos, Nigeria

Chapter 8
A Tale of Four Developing Cities: Leveraging Relational Capital for Knowledge-based Development ................................................................. 149
Blanca C. Garcia, El Colegio de la Frontera Norte. Monterrey, Mexico

Chapter 9
Cities in the Gulf: Rapid Urban Development and the Search for Identity in a Global World........ 166
Djamel Boussaa, Qatar University, Qatar

Chapter 10
Coping with Erratic Water Supply in Small Towns............................................................... 192
Never Mujere, University of Zimbabwe, Zimbabwe
Trust Saidi, University of Cape Town, South Africa

Section 3
Impact of Population Growth and Rapid Urbanization

Chapter 11
Population Growth, Governance and Urban Social Conflicts in Africa .............................. 210
Shaibu Bala Garba, Qatar University, Qatar

Chapter 12
Population Growth and Water Supply: The Future of Ghanaian Cities .............................. 231
Patrick Brandful Cobbinah, Charles Sturt University, Australia
Dennis Kwadwo Okyere, University of Texas at Dallas, USA
Eric Gaisie, Technische Universität Darmstadt, Germany

Chapter 13
Technology and the Urban Future in Developing Countries: The Case of Africa................. 253
Antar A. AbouKorin, University of Dammam, Saudi Arabia
Chapter 14
Population Growth and Urbanization in Africa: Implications for the Environment........................................ 282
  Samuel Adams, Ghana Institute of Management and Public Administration, Ghana
  Eric Evans Osei Opoku, City University of Hong Kong, Hong Kong

Chapter 15
Ecological Influences on the Evolving Planning System in Turkey .......................................................... 298
  Ufuk Fatih Küçükali, Istanbul Aydin University, Turkey

Afterword ........................................................................................................................................... 313

Compilation of References ...................................................................................................................... 315

About the Contributors .......................................................................................................................... 351

Index .................................................................................................................................................... 356