# Table of Contents

Foreword .......................................................................................................................... xxxi

Preface ............................................................................................................................. xxxii

Acknowledgment .............................................................................................................. xxxiv

Chapter 1  
An Evaluation of ICT Policy Developments in Botswana ................................................... 1  
*Segomotsa Masegonyana Keakopa, University of Botswana, Botswana*  
*Kelvin Joseph Bwalya, University of Botswana, Botswana*

Chapter 2  
Botswana ICT Policy and Curriculum Concerns: Does School Connectivity  
Guarantee Technology Integration into Mathematics Classrooms? ..................................... 15  
*K. G. Garegae, University of Botswana, Botswana*  
*S. S. Moalosi, Naledi Secondary School, Botswana*

Chapter 3  
Broadcast Digital Migration Policy in South Africa.......................................................... 33  
*Lucky Madikiza, Development Bank of Southern Africa, South Africa*

Chapter 4  
Business Continuity Planning in Business-Aligned IT Service Management .................... 49  
*Stewart H. C. Wan, Hong Kong Science and Technology Parks Corporation, Hong Kong*

Chapter 5  
Convergence Based E-Government & Governance Policies for Developing Countries .......... 63  
*Veena V. Raman, Pennsylvania State University, USA*

Chapter 6  
Convergence of Old Media in New Media: Need for Unification of Regulatory  
Bodies in Nigeria .............................................................................................................. 78  
*Majority Oji, Delta State University, Nigeria*
Chapter 7
Developing an Internet and Intranet Usage Policy for a Metropolitan Municipality in South Africa ................................................................. 89
   Udo Richard Averweg, University of KwaZulu-Natal, South Africa

Chapter 8
Duties and Ethics of Information Scientists ........................................ 106
   Dorcas Ejemeh Igberaese, Ambrose Alli University, Nigeria
   Gabriel Aine Obinyan, Ambrose Alli University, Nigeria

Chapter 9
E-Government in Malaysia: Barriers and Progress ............................ 121
   Sharifah Mariam Alhabshi, University of Malaya, Malaysia

Chapter 10
Electronic Mail Security ........................................................................ 147
   Edwin Iroroeavwo Achugbue, Delta State University, Nigeria

Chapter 11
Electronic Records Management in Africa: Problems and Prospects .... 161
   Basil Enemute Iwhiwhu, Delta State University, Nigeria

Chapter 12
Gender and ICT Policy for Development and Empowerment: A Critique of a National ICT Policy ......................................................... 186
   Kutoma Jacqueline Wakunuma-Zojer, De Montfort University, UK

Chapter 13
Gender and National Information and Communication Technology (ICT) Policies in Africa .............................................................. 208
   Stella E. Igun, Delta State University, Nigeria

Chapter 14
Gender Digital Divide and National ICT Policies in Africa .................... 222
   Violet E. Ikolo, Delta State University, Nigeria

Chapter 15
Higher Educational Institutions and Institutional Information and Communication Technology (ICT) Policy ........................................... 243
   Mudasiru Olaleye Yusuf, University of Ilorin, Nigeria

Chapter 16
ICT Policy Development Process in Africa ........................................... 255
   Hopestone Kayiska Chavula, United Nations Economic Commission for Africa (UNECA), Ethiopia
   Abebe Chekol, United Nations Economic Commission for Africa (UNECA), Ethiopia
Chapter 17
ICT in Education Development in Africa: Policy and Institutional Frameworks.................. 283
Chijioke J. Evoh, New York City Department of Education, USA

Chapter 18
ICT Policies in Developing Countries: Objectives, Issues and Influencing Factors .............. 306
Enovwor Laura Ogbah, Delta State University Library, Nigeria

Chapter 19
ICT Policies on Structural and Socio-Cultural Participation in Brussels............................. 319
Stefan Mertens, Catholic University of Brussels, Belgium
Jan Servaes, University of Massachusetts Amherst, USA

Chapter 20
ICT Security Policy: Challenges and Potential Remedies.................................................. 337
Lawan Ahmed Mohammed, King Fahd University of Petroleum and Minerals, Saudi Arabia

Chapter 21
ICT Security Policy in a Higher Education Institution in Malaysia........................................ 354
Fardzah Sulaiman, University Sains Malaysia, Malaysia
T. Ramayah, University Sains Malaysia, Malaysia
Azizah Omar, University Sains Malaysia, Malaysia

Chapter 22
ICTs and Border Security Policies in the United States and the European Union.................. 373
Peter Shields, Eastern Washington University, USA

Chapter 23
Impact of Information and Communication Technologies (ICTs) in the Advancement and Empowerment of African Women................................................................. 402
Marian Pelletier, Saint Mary’s University, Canada

Chapter 24
Information and Communication Technology Security Network: A Sure Solution to E-Governance Security Problems................................................................. 421
Ogochukwu T. Emiri, Delta State University, Nigeria
Chukwunweike Gracious Omede, Delta State University, Nigeria

Chapter 25
Information Security Policies ......................................................................................... 434
J.R Ikoja-Odongo, Makerere University, Uganda
Chapter 26
Integration of Policies and Regulatory Frameworks for the Convergent ICT Industry in Nigeria ................................................................. 449

Wole Michael Olatokun, University of Ibadan, Nigeria

Chapter 27
Internet Governance: Definitions, Issues, and Challenges ................................................................. 468

Lauren Movius, University of Southern California, USA

Chapter 28
Knowledge Management Policy ........................................................................................................ 484

Avadh Narayan Yadav, ICAI, India

Chapter 29
Legal Regulation of Cybercafés: The Indian Experience .................................................................. 497

S.R. Subramanian, Hidayatullah National Law University, India

Chapter 30
Liberalization of Telecommunications Sector .............................................................................. 507

Esharenana E. Adomi, Delta State University, Nigeria

Chapter 31
Library Photocopy Policies .......................................................................................................... 520

Blessings Amina Akporhonor, Delta State University, Nigeria

Chapter 32
Mobile Phone Etiquette in Nigeria: The Case of Calabar Municipality, Nigeria ......................... 527

Aniebiet I. Ntui, University of Calabar, Nigeria

Nkoyo B. Edem, University of Calabar, Nigeria

Chapter 33
Organizational Password Policy ........................................................................................................ 539

Alex Ozoemelem Obuh, Delta State University, Nigeria

Ihuoma Babatope, Delta State University, Nigeria

Chapter 34
Organizational Software Use Policies ............................................................................................. 551

Alex Ozoemelem Obuh, Delta State University, Nigeria

Chapter 35
Policy for Mobile Devices to Access Grid Infrastructure ............................................................... 565

Kashif Munir, King Fahd University of Petroleum and Minerals, Saudi Arabia

Lawan A. Mohammed, King Fahd University of Petroleum and Minerals, Saudi Arabia
Chapter 36
Positioning Library and Information Services for User Satisfaction through ICT
Policy Formulation in Nigeria ................................................................. 581
  Mary C. Osondu, Federal University of Technology, Nigeria
  Blessing Solomon-Uwakwe, Imo State University, Nigeria

Chapter 37
Regulation of Cybercafés in Nigeria..................................................... 590
  Mercy Eyitemi, Delta State University, Nigeria

Chapter 38
Reproducing Dependency: How Hegemonic Discourses Shape ICT Policies in the Periphery........ 599
  Haluk Geray, Ankara University, Turkey
  Funda Başaran Özdemir, Ankara University, Turkey

Chapter 39
Research Policies for Information and Communication Technologies in Europe ..................... 616
  Ulf-Daniel Ehlers, University Duisburg-Essen, Germany

Chapter 40
Role of Social Culture in Evaluation of Internet Policies: The Case of Everyday and Resistant Culture in Greece............................................................ 631
  Panayiota Tsatsou, Swansea University, UK

Chapter 41
Satellite Communication Policy in India ............................................. 652
  Natasha Elangbam, Manipur University, India
  Mohen Naorem, Manipur University, India

Chapter 42
Security Policy Issues in Internet Banking in Malaysia ............................................. 667
  Normalini Md Kassim, University Science of Malaysia, Malaysia
  T. Ramayah, University Science of Malaysia, Malaysia

Chapter 43
Telecommunications Policy in Nigeria ................................................. 688
  Joseph Welfare Irivwieri, Delta State Library Board, Nigeria

Chapter 44
Telecommunications Regulation in Nigeria .......................................... 700
  Pereware Aghwotu Tiemo, Niger Delta University Library, Nigeria
Chapter 45
The Evolutionary Path of Legal Responses to Cybercrime Threats Over the Last Decade ............... 711
   Krassie Petrova, Auckland University of Technology, New Zealand
   B. Dawn Medlin, Appalachian State University, USA
   Adriana Romaniello, Universidad Rey Juan Carlos, Spain

Chapter 46
The Implications of Alireza Noruzi’s Laws of the Web for Library Web-Based Services ............... 724
   Josephine Eruterio Onohwakpor, Delta State University, Nigeria
   Benson Oghenevwogaga Adogbeji, Delta State University, Nigeria

Chapter 47
The Nigerian National Information Technology (IT) Policy .............................................................. 734
   Tega Rexwhite Enakrire, Delta State University, Nigeria

Chapter 48
The Policy of Uses of ICTs in Developing Countries: The Case of Tunisia ........................................ 745
   Saida Habbab-Rave, University of Poitiers, France

Chapter 49
Turning Westward: Information Policies in Post Communist Romania and Bulgaria .................. 763
   Alan Katerinsky, State University of New York at Buffalo, USA
   Alex Pantaleev, State University of New York at Oswego, USA
   H. Raghav Rao, State University of New York at Buffalo, USA

Chapter 50
Where Are They and Are You There Yet? ...................................................................................... 779
   Muesser Cemal Nat, The University of Greenwich, UK

Compilation of References ............................................................................................................... 793