

## Contents

Acknowledgments ix

### **1 Changing Connectivity and Digital Economies at Global Margins 1**

Mark Graham

### **Opening Essays 19**

#### **Marginal Benefits at the Global Margins: The Unfulfilled Potential of Digital Technologies 21**

Uwe Deichmann and Deepak Mishra

#### **Toward the Transformative Power of Universal Connectivity 25**

Bitange Ndemo

#### **A Data-Driven Approach to Closing the Internet Inclusion Gap 29**

Robert Pepper and Molly Jackman

#### **Digital Services and Industrial Inclusion: Growing Africa's Technological Complexity 33**

Calestous Juma

#### **Platforms at the Margins 39**

Jonathan Donner and Chris Locke

#### **Digital Economies at Global Margins: A Warning from the Dark Side 43**

Tim Unwin

#### **Digital Globality and Economic Margins—Unpacking Myths, Recovering Materialities 47**

Anita Gurumurthy

- I Digitalization at Global Margins 53
- 2 Making Sense of Digital Disintermediation and Development:  
The Case of the Mombasa Tea Auction 55  
Christopher Foster, Mark Graham, and Timothy Mwolo Waema
- 3 Development or Divide? Information and Communication  
Technologies in Commercial Small-Scale Farming in East  
Africa 79  
Madlen Krone and Peter Dannenberg
- 4 Digital Inclusion, Female Entrepreneurship, and the Production of  
Neoliberal Subjects—Views from Chile and Tanzania 103  
Hannah McCarrick and Dorothea Kleine
- 5 “Let the Private Sector Take Care of This”: The Philanthro-  
capitalism of Digital Humanitarianism 129  
Ryan Burns
- 6 The Digitalization of Anti-poverty Programs: Aadhaar and the  
Reform of Social Protection in India 153  
Silvia Masiero
- 7 The Myth of Market Price Information: Mobile Phones and the  
Application of Economic Knowledge in ICTD 173  
Jenna Burrell and Elisa Oreglia
- II Digital Production at Global Margins 191
- 8 Hope and Hype in Africa’s Digital Economy: The Rise of Innovation  
Hubs 193  
Nicolas Friederici
- 9 Hackathons and the Cultivation of Platform Dependence 223  
Lilly Irani
- 10 Meeting Social Objectives with Offshore Service Work: Evaluating  
Impact Sourcing in the Philippines 249  
Jorien Oprins and Niels Beerepoot
- 11 Digital Labor and Development: Impacts of Global Digital Labor  
Platforms and the Gig Economy on Worker Livelihoods 269  
Mark Graham, Isis Hjorth, and Vili Lehdonvirta

- 12 Geographic Discrimination in the Gig Economy 295  
Hernan Galperin and Catrìhel Greppi
- 13 Margins at the Center: Alternative Digital Economies in Shenzhen,  
China 319  
Jack Linchuan Qiu and Julie Yujie Chen
- 14 African Economies: Simply Connect? Problematising the Discourse  
on Connectivity in Logistics and Communication 341  
Stefan Ouma, Julian Stenmanns, and Julia Verne

Author Affiliations 365

Index 367