Contents

Preface vii
Acknowledgments xi
Editor xiii
Note on Contributors xv

PART I Smart Urban Development, Sustainability, and Resilience

Chapter 1 Sustainable Urbanization: Why We Have to Change: Toward Justice and Lifestyles That Respect the Planet and Its Inhabitants 3

Camilla Ween

Chapter 2 The Interaction Between Resilience and Intelligence of Cities 23

Parisa Kloss

PART II Food Security and Smart Urban Agriculture

Chapter 3 Nurturing Clever Cities: The Intersection Between Urban Agriculture and Smart Technologies 37

Emma Burnett

Chapter 4 Sustainable Food: The Role of Digital Agritechnology 57

Toby Mottram

PART III Smart City, Built Environment, and Data Privacy

Chapter 5 Is This Architecture Sustainable? Operational Energy Efficiency and The Pursuit of Behavioral Change Through Building Operation 81

Adam Jones and Negin Minaei

Chapter 6 Alphabet Is Here to "Fix" Toronto: Algorithmic Governance in Sidewalk Labs' Smart City 99

Anna Artyushina

Chapter 7 Future Transport and Logistics in Smart Cities: Safety and Privacy 113

Negin Minaei

Conclusion 143
Negin Minaei

Index 147