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**SCHOOL OF URBAN AND REGIONAL PLANNING LIBRARY**



# **NEW ACQUISITIONS**

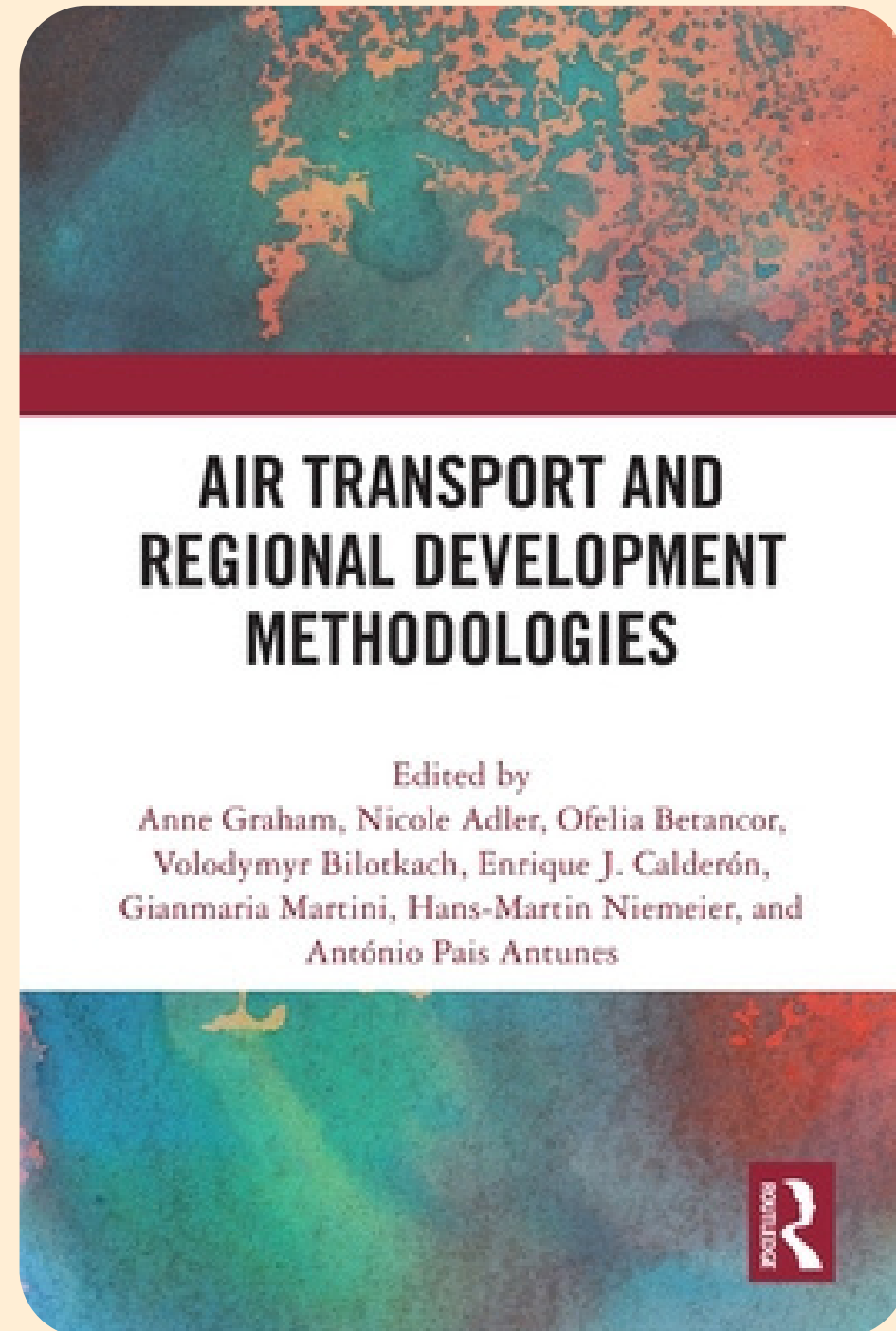
## **2023**

**BATCH 1 OF 2**



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### AIR TRANSPORT AND REGIONAL DEVELOPMENT METHODOLOGIES

Editors: Anne Graham, Nicole Adler, Ofelia Betancor, Volodymyr Bilotkach, Enrique J. Calderon, Gianmaria Martini, Hans-Martin Niemeir, and Antonio Pais Antunes

Call Number: HE 9776 / A356 2021

Accession Number: IP - 15439

Publisher: Routledge

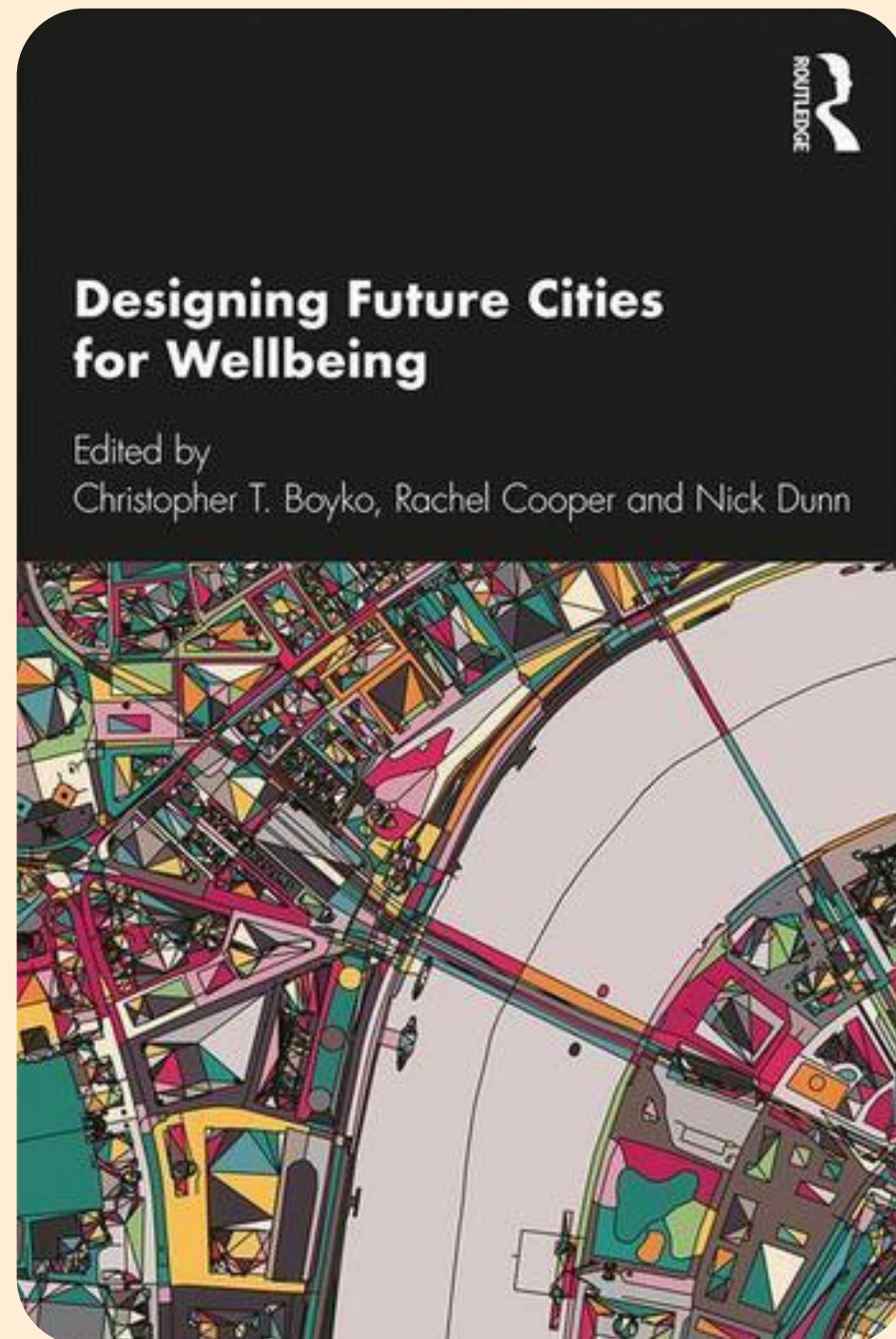
Subject(s): Aeronautics, Commercial

Description: This book discusses key methodological approaches to assessing air transport and regional development, outlining their respective strengths and weaknesses. These include input - output analysis, cost benefit analysis, computable general equilibrium models, data envelopment analysis, stochastic frontier analysis, discrete choice models and game theory.



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### DESIGNING FUTURE CITIES FOR WELLBEING

Editors: Christopher T. Boyko, Rachel Cooper, and Nick Dunn

Call Number: HT 166 D38677 2020

Accession Number: IP - 15440

Publisher: Routledge

Subject(s): City Planning, Political Planning

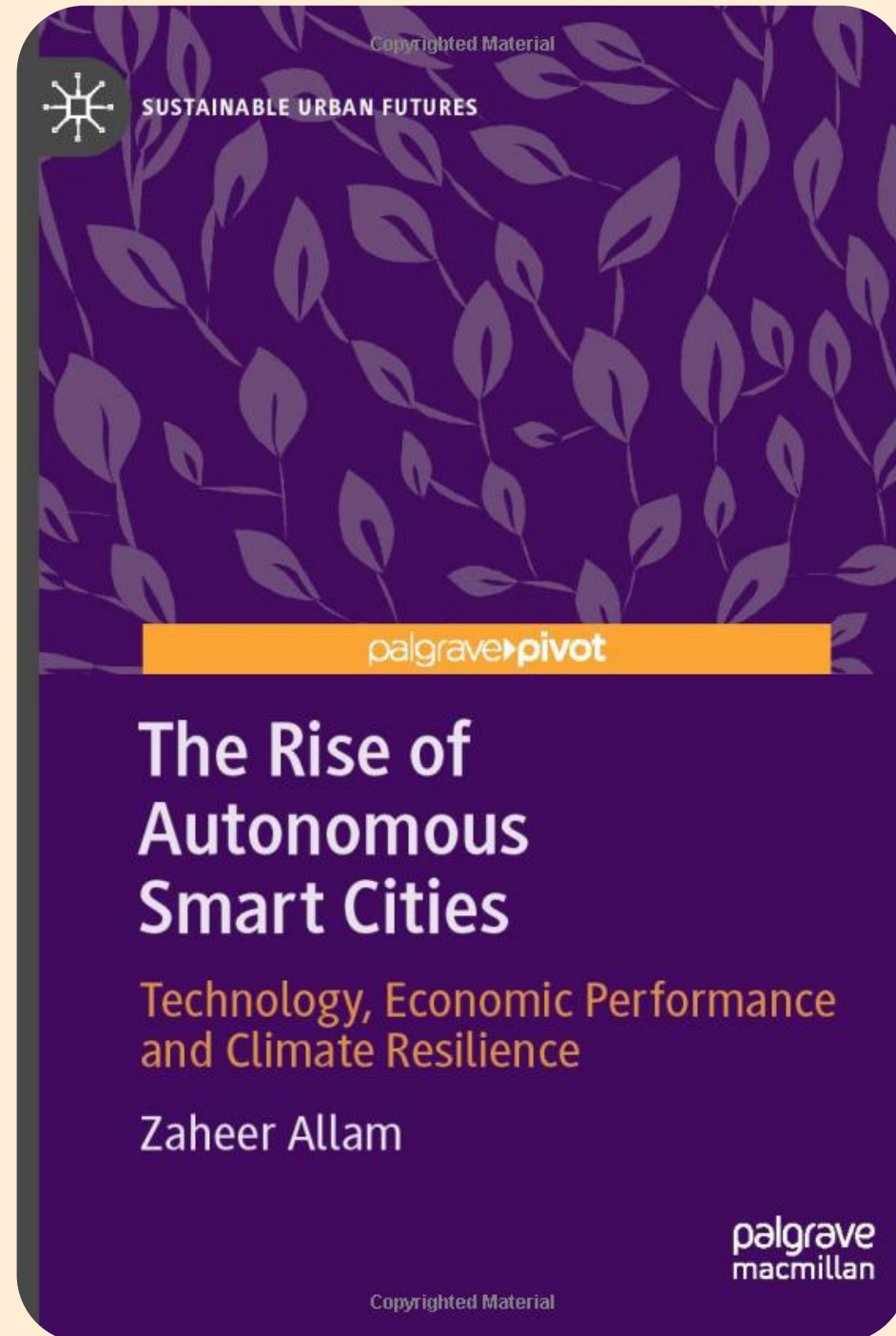
Description: Designing Future Cities for Wellbeing draws on original research that brings together dimensions of cities we know have a bearing on our health and wellbeing – including transportation, housing, energy, and foodways – and illustrates the role of design in delivering cities in the future that can enhance our health and wellbeing. It aims to demonstrate that cities are a complex interplay of these various dimensions that both shape and are shaped by existing and emerging city structures, governance, design, and planning. Explaining how to consider these interconnecting dimensions in the way in which professionals and citizens think about and design the city for future generations' health and wellbeing, therefore, is key.





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### THE RISE OF AUTONOMOUS SMART CITIES: TECHNOLOGY, ECONOMIC PERFORMANCE, AND CLIMATE RESILIENCE

Editors: Zaheer Allam

Call Number: TD 159.4 A45 2021

Accession Number: IP - 15441

Publisher: Palgrave Macmillan

Subject(s): Smart Cities, City Planning

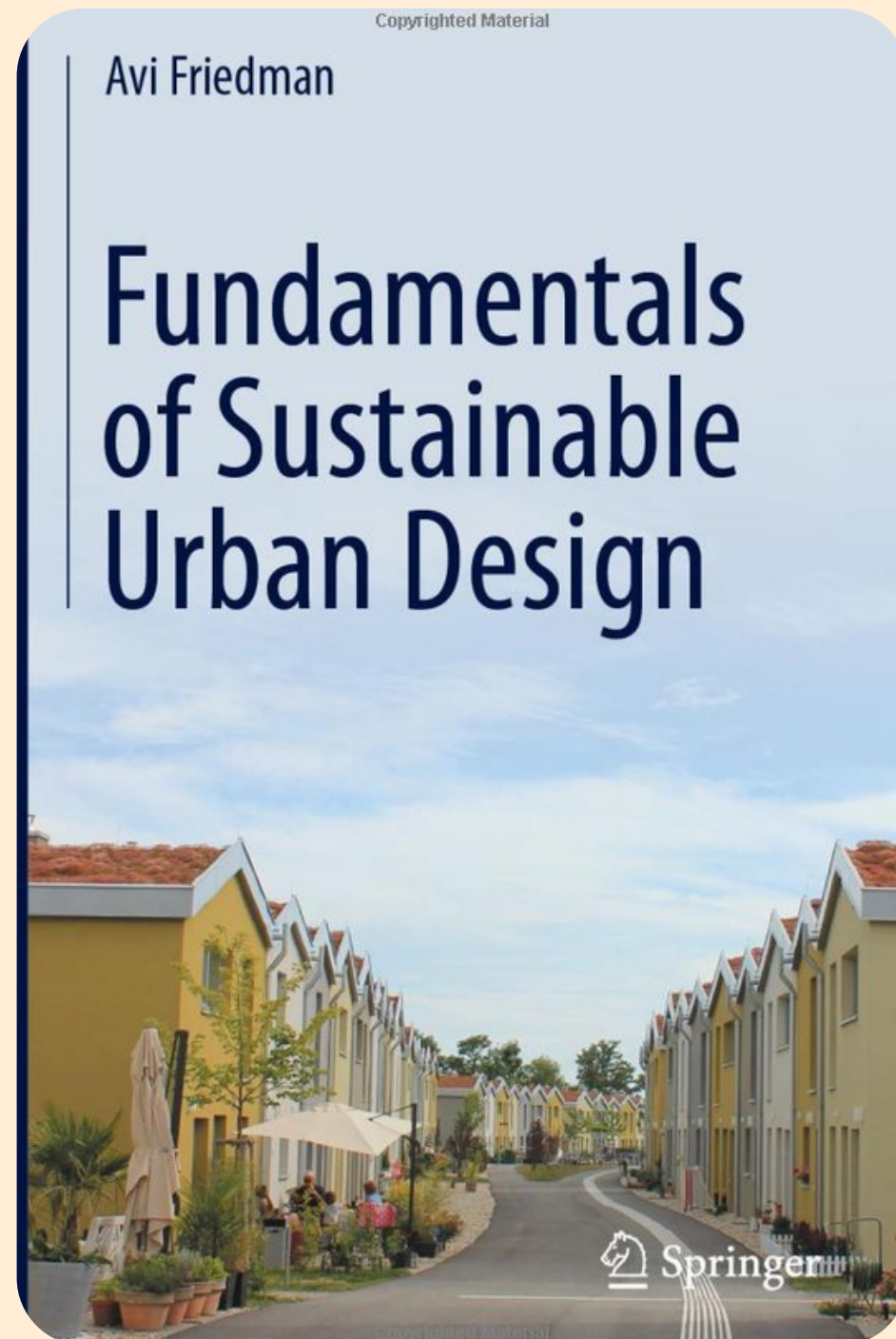
Description: This book introduces the concept of the 'autonomous city'- a concept that has been developed from the 'smart cities' model that is based on a city's ability to gather data and taking it one step further. It discusses how this could lead to the automation of select urban dimensions for increased efficiency and performance, but also details how such a process would require careful consideration when put into practice.

This book will be a valuable resource for scholars and students across Urban Planning, Sustainability and STS, as well as practitioners and policy makers involved in the development of urban life.



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### FUNDAMENTALS OF SUSTAINABLE URBAN DESIGN

Editors: Avi Friedman

Call Number: HT 165.5 F75 2021

Accession Number: IP - 15442

Publisher: Springer

Subject(s): City Planning, Urban Renewal

Description: This book begins with an introduction describing current societal transformations that merit new urban designs, including depletion of non-renewable natural resources, elevated levels of greenhouse gas emissions, large numbers of aging “Baby Boomers,” and climate change.

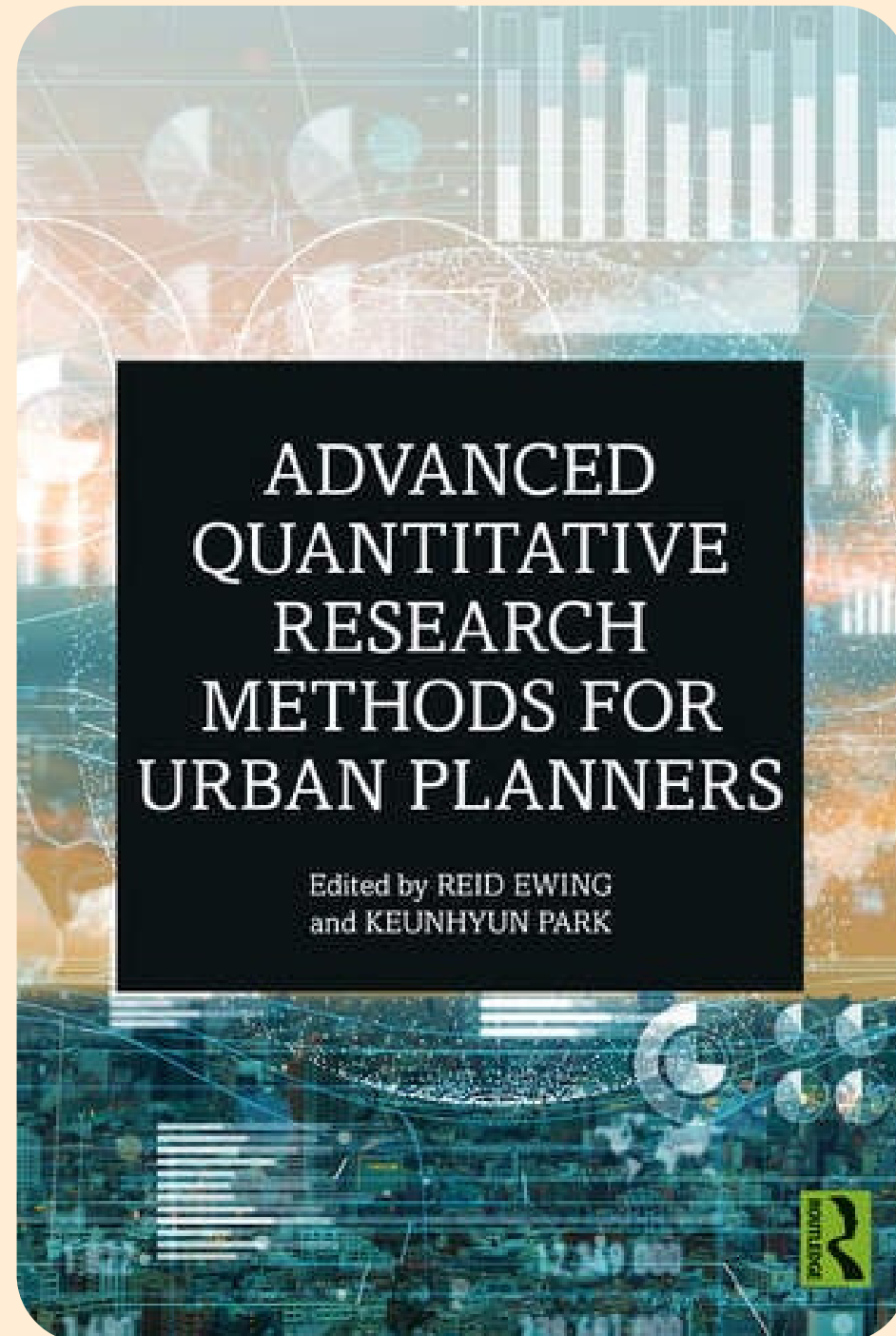
Dr. Friedman then examines these challenges through thirty chapters of interest to urban designers, architects, civil and construction engineers, and town planners. Each of these topics represents an aspect of urban design and describes an innovative solution and offers a detailed description of underlying principles.





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### ADVANCED QUANTITATIVE RESEARCH METHODS FOR URBAN PLANNERS

Editors: Reid Ewing and Keunhyun Park

Call Number: HT 166 A3298 2020

Accession Number: IP - 15443

Publisher: Routledge

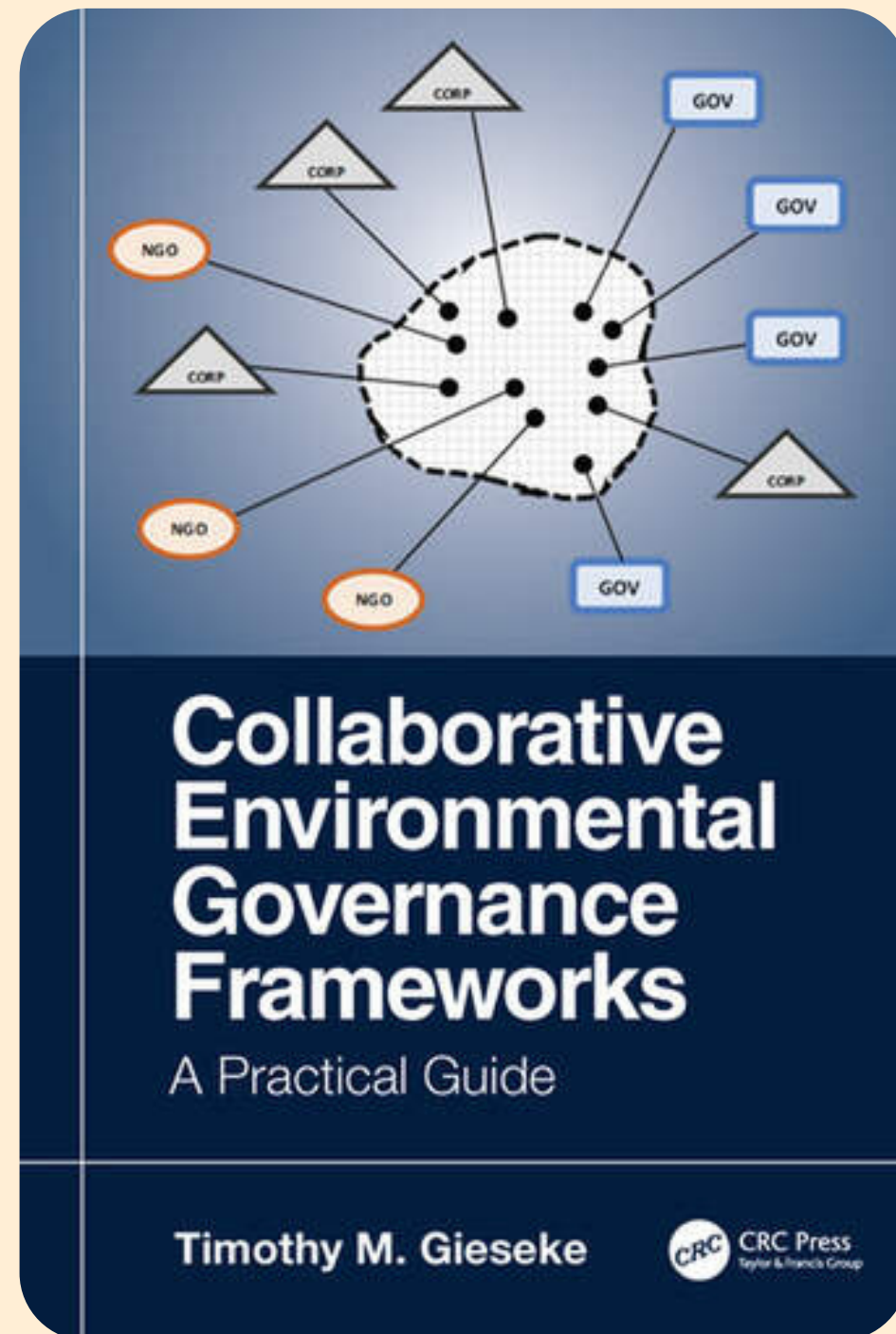
Subject(s): City Planning

Description: This book aims to provide the reader with a comprehensive and detailed understanding of advanced quantitative methods and to provide guidance on technical writing. Complex material is presented in the simplest and clearest way possible using real-world planning examples and making the theoretical content of each chapter as tangible as possible. Hands-on techniques for a variety of quantitative research studies are covered to provide graduate students, university faculty, and professional researchers with useful guidance and references.



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### COLLABORATIVE ENVIRONMENTAL GOVERNANCE FRAMEWORKS: A PRACTICAL GUIDE

Editors: Timothy M. Gieseke

Call Number: GE 300 G54 2020

Publisher: CRC Press

Accession Number: IP - 15444

Subject(s): Environmental Management

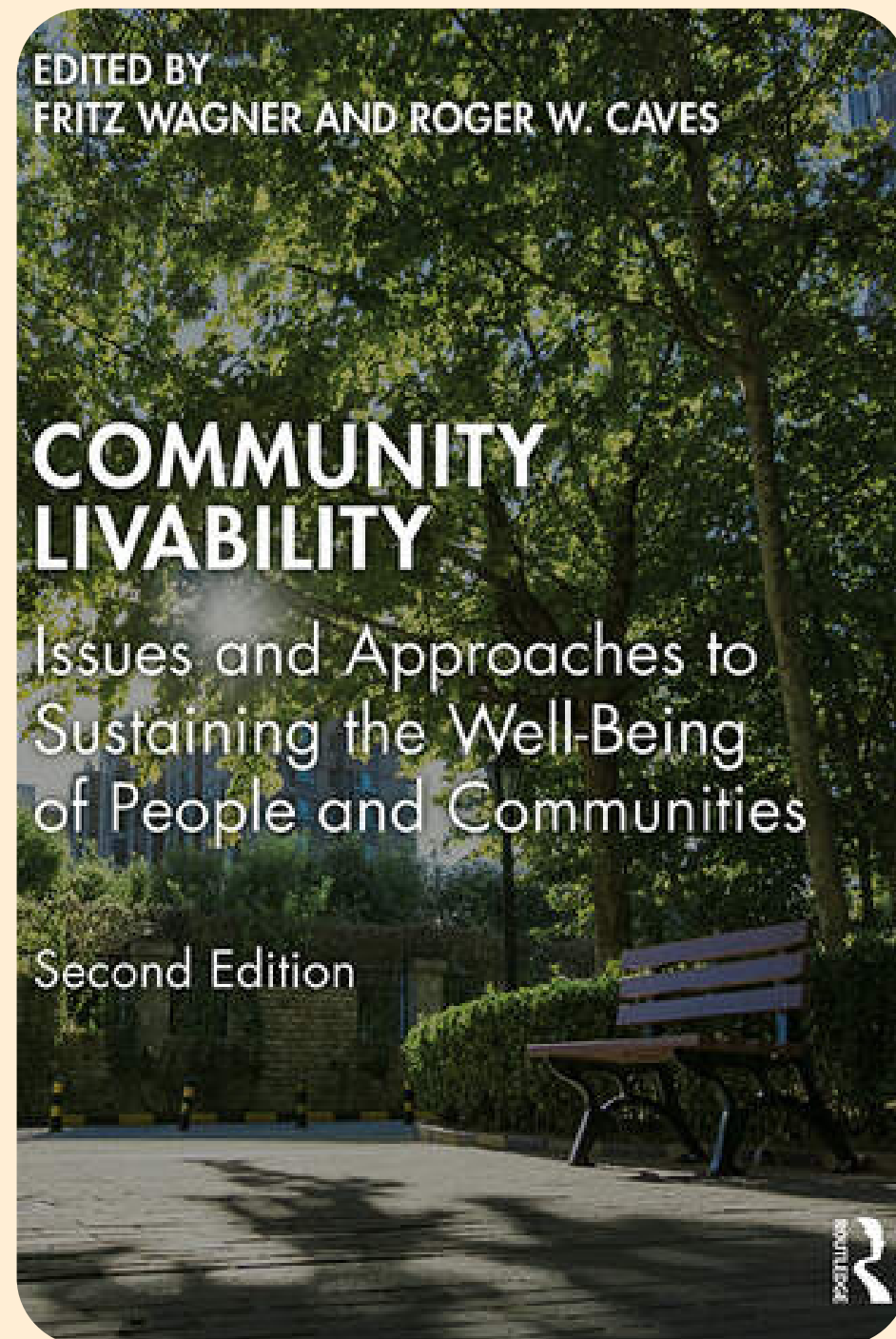
Description: This book takes a practical approach to understanding and describing collaborative governance for resolving environmental problems. It introduces a new collaborative governance assessment model and recognizes that collaborations are a natural result of organizations converging around complex issues. Rather than identifying actors by their type of organization, the actors are identified by the type of role they play. This approach is aligned with how individuals and organizations interact in practice, and their dependence on collaborations to solve emerging environmental problems. The book discusses real cases with governance issues and creates new frameworks for collaborations.





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### COMMUNITY LIVABILITY: ISSUES AND APPROACHES TO SUSTAINING THE WELL-BEING OF PEOPLE AND COMMUNITIES

Editors: Fritz Wagner and Roger W. Caves

Call Number: GE 196 C66 2020

Accession Number: IP - 15445

Publisher: Routledge

Subject(s): Sustainable Living

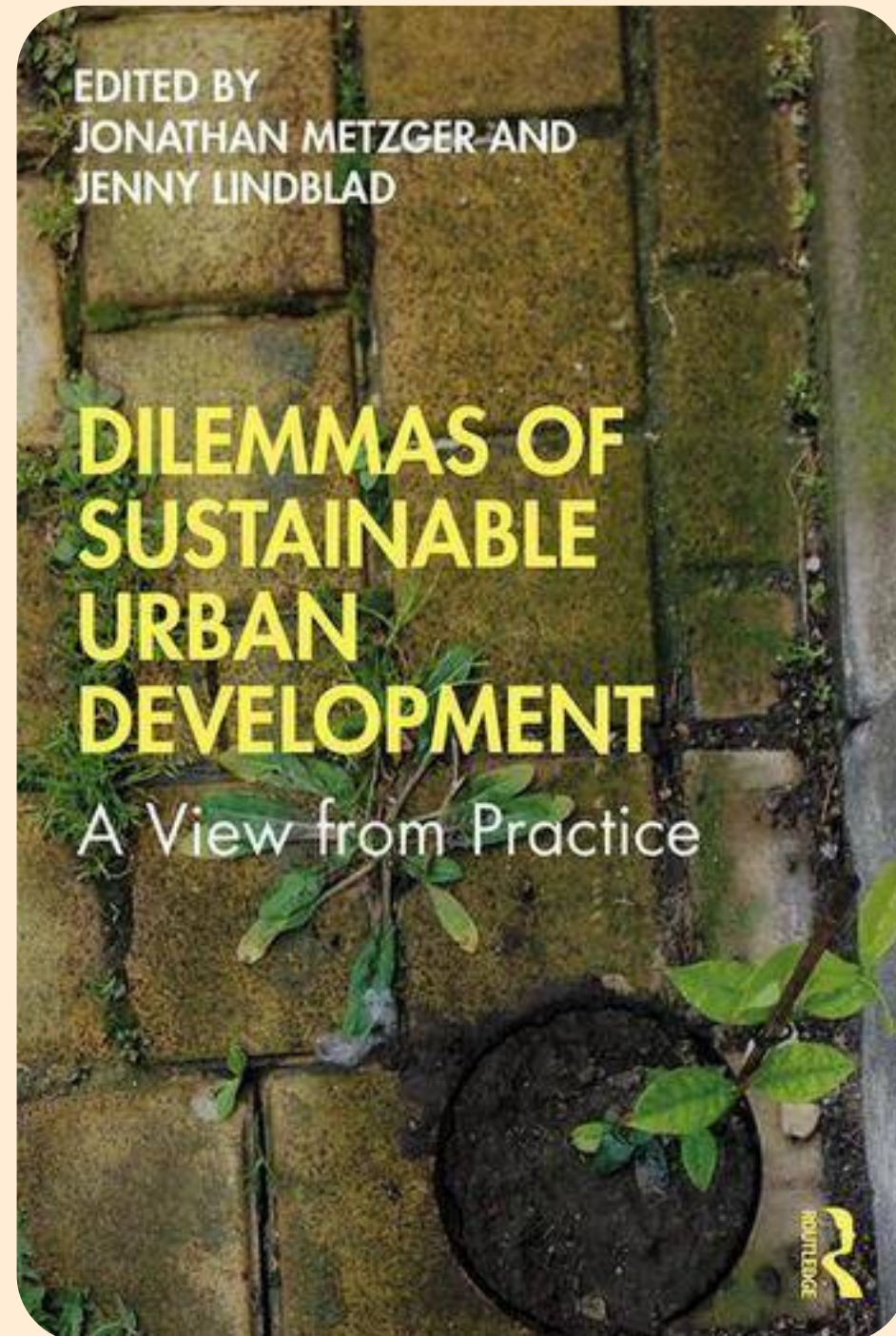
Description: The book fills a conspicuous void in the international dialogue on climate change and heat islands by examining both the environmental benefits in developed countries and the population benefit in developing countries. Urban heat islands can be addressed in incremental, manageable steps, such as planting trees and painting roofs white, which provide a more concrete and proactive sense of progress for policymakers and practitioners. This book is invaluable to anyone searching for a better understanding of the impact of resilient cities in the monumental and urgent fight against climate change, and provides the tools to do so.





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### **DILEMMAS OF SUSTAINABLE URBAN DEVELOPMENT: A VIEW FROM PRACTICE**

Editors: Jonathan Metzger and Jenny Lindblad

Call Number: HT 241 D55 2020

Accession Number: IP - 15446

Publisher: Routledge

Subject(s): City Planning

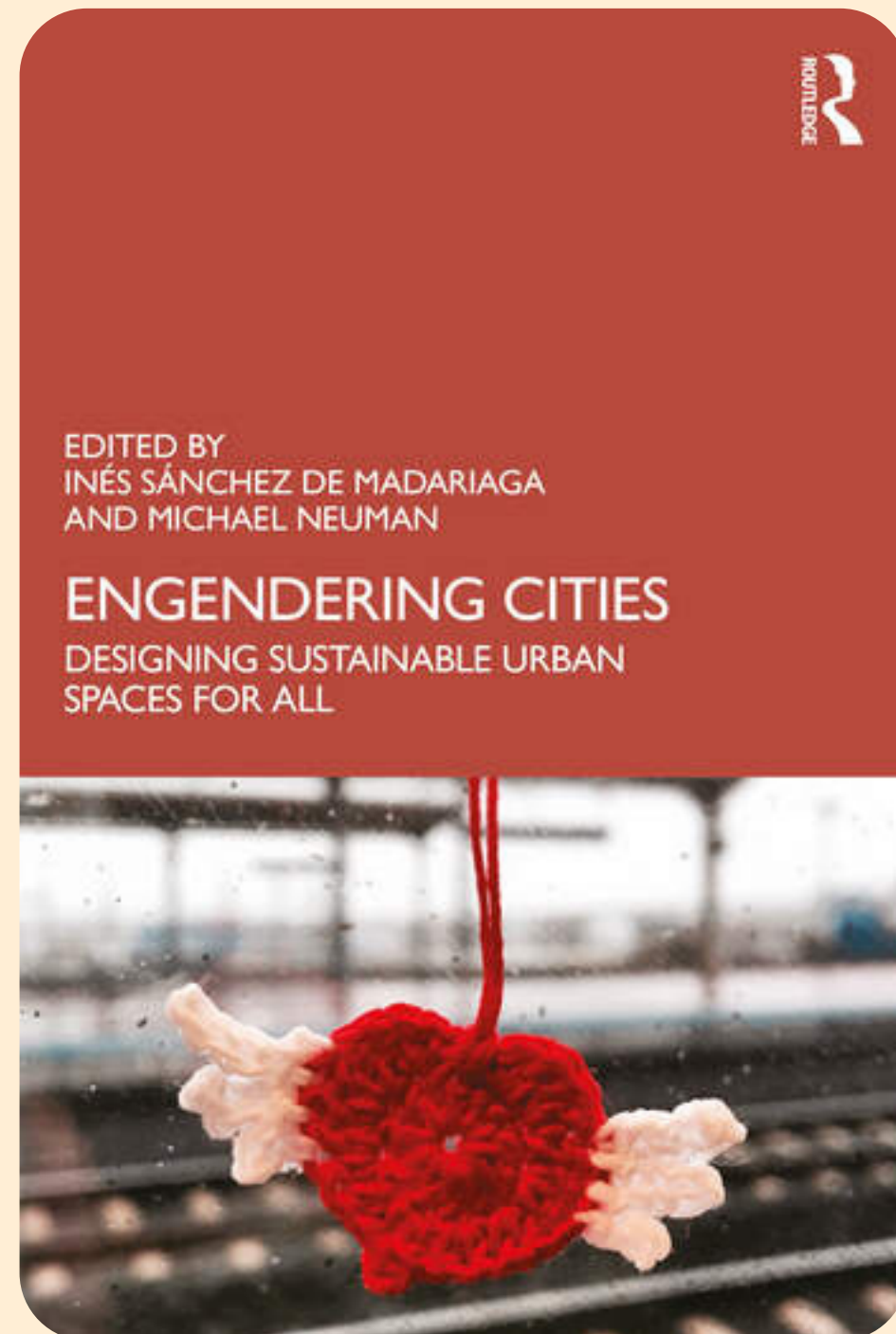
Description: With contributions from leading academics and expert practitioners, this book provides readers with diverse international case studies which highlight and examine the concrete challenges of practicing sustainable urban development. The examples in this book touch upon all aspects of sustainable urban development work, from City Hall to the local park. All of the cases unfold in their own specific contexts under particular circumstances—but from each one of them there are general lessons that can be used to inform practice. This book is essential reading for anyone who is active as a student, researcher, or practitioner in the field of urban development.





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### ENGENDERING CITIES: DESIGNING SUSTAINABLE URBAN SPACES FOR ALL

Editors: Inés Sánchez de Madariaga and Michael Neuman

Call Number: HT 166 E534 2020

Accession Number: IP - 15447

Publisher: Routledge

Subject(s): Sustainable Living, City Planning

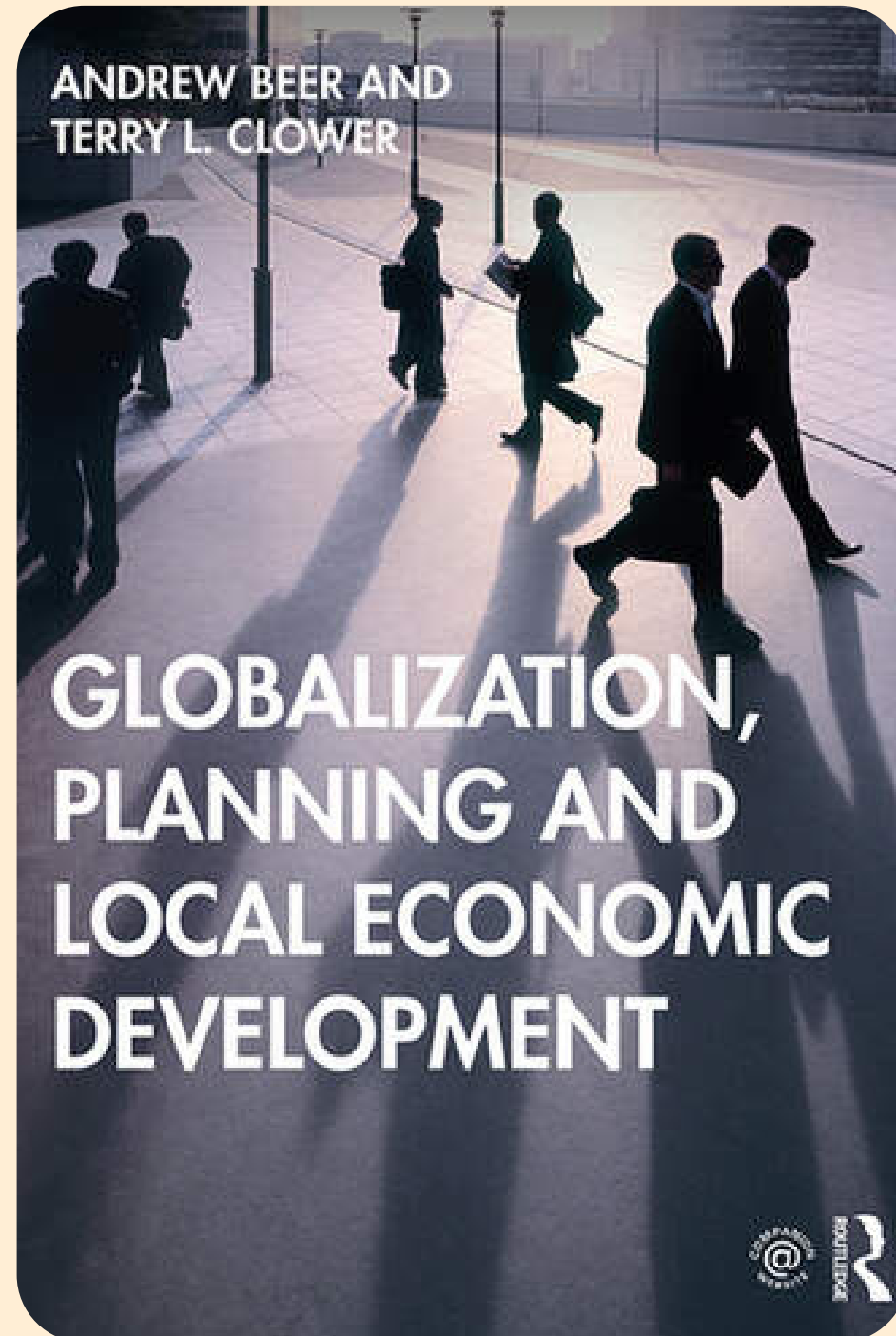
Description: This book looks at critical aspects of contemporary cities regarding gender, including topics such as transport, housing, public health, education, caring, infrastructure, as well as issues which are rarely addressed in planning, design, and policy, such as the importance of toilets for education and clothes washers for freeing-up time. In the first section, a number of chapters in the book assess past, current, and projected conditions in cities vis-à-vis gender issues and needs. In the second section, the book assesses existing policy, planning, and design efforts to improve women's and men's concerns in urban living. Finally, the book proposes changes to existing policies and practices in urban planning and design, including its thinking (theory) and norms (ethics).





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### GLOBALIZATION, PLANNING, AND LOCAL ECONOMIC DEVELOPMENT

Editors: Andrew Beer and Terry L. Clower

Call Number: HT 388 B434 2020

Publisher: Routledge

Accession Number: IP - 15448

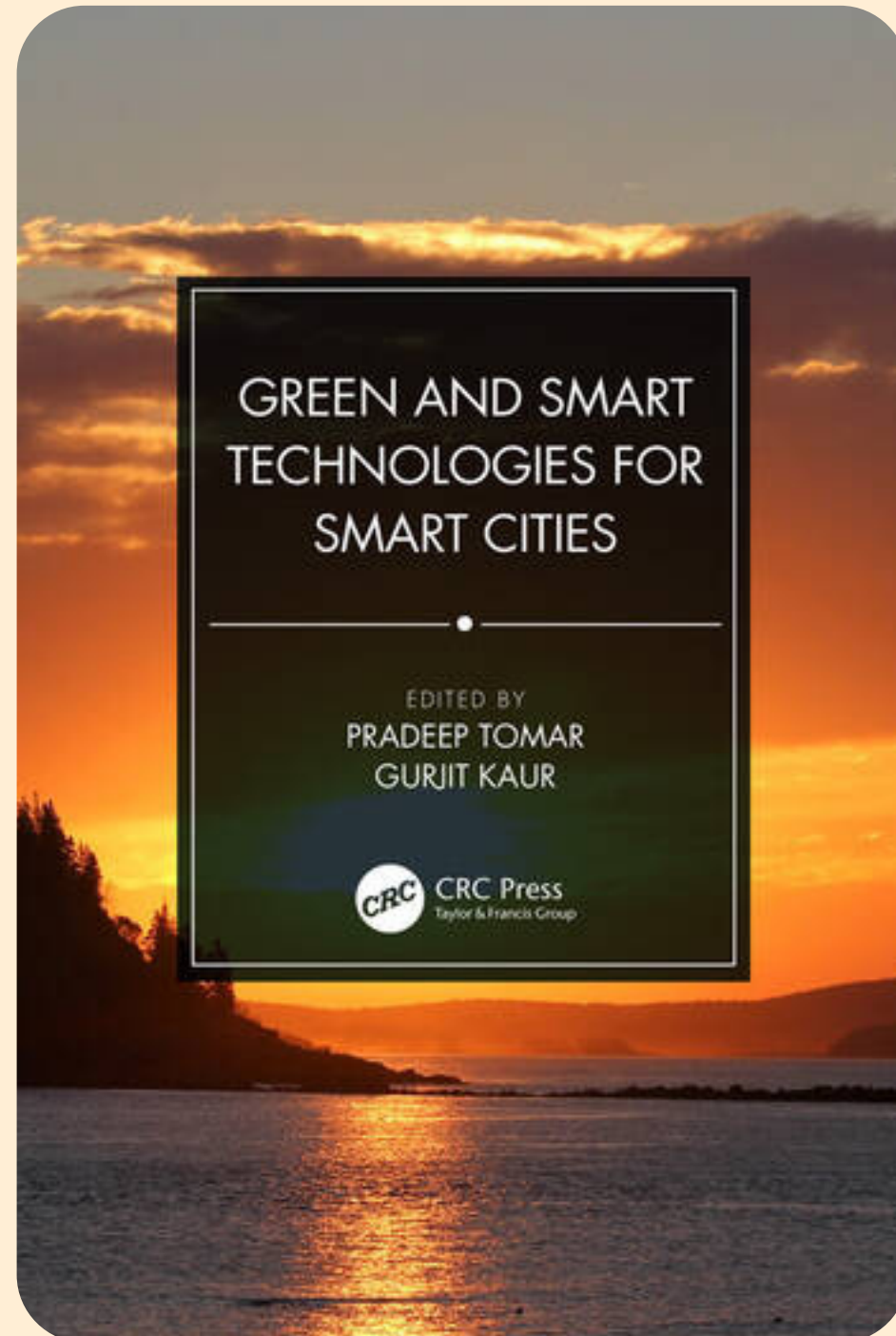
Subject(s): Regional Economics

Description: This textbook looks at economic development at the local, community or regional scale. It provides students with a comprehensive introduction to contemporary thinking about locally-based economic development, how growth can be planned and how that development can be realized. In offering a full toolkit of economic development knowledge, techniques and strategies, this text will thoroughly prepare students for a career in urban planning, transport planning, human geography, applied economic analysis, geographic information systems, or work as an economic development practitioner.



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### GREEN AND SMART TECHNOLOGIES FOR SMART CITIES

Editors: Pradeep Tomar and Gurjit Kaur

Call Number: TD 159.4 G74 2020

Accession Number: IP - 15449

Publisher: CRC Press

Subject(s): Smart Cities City Planning

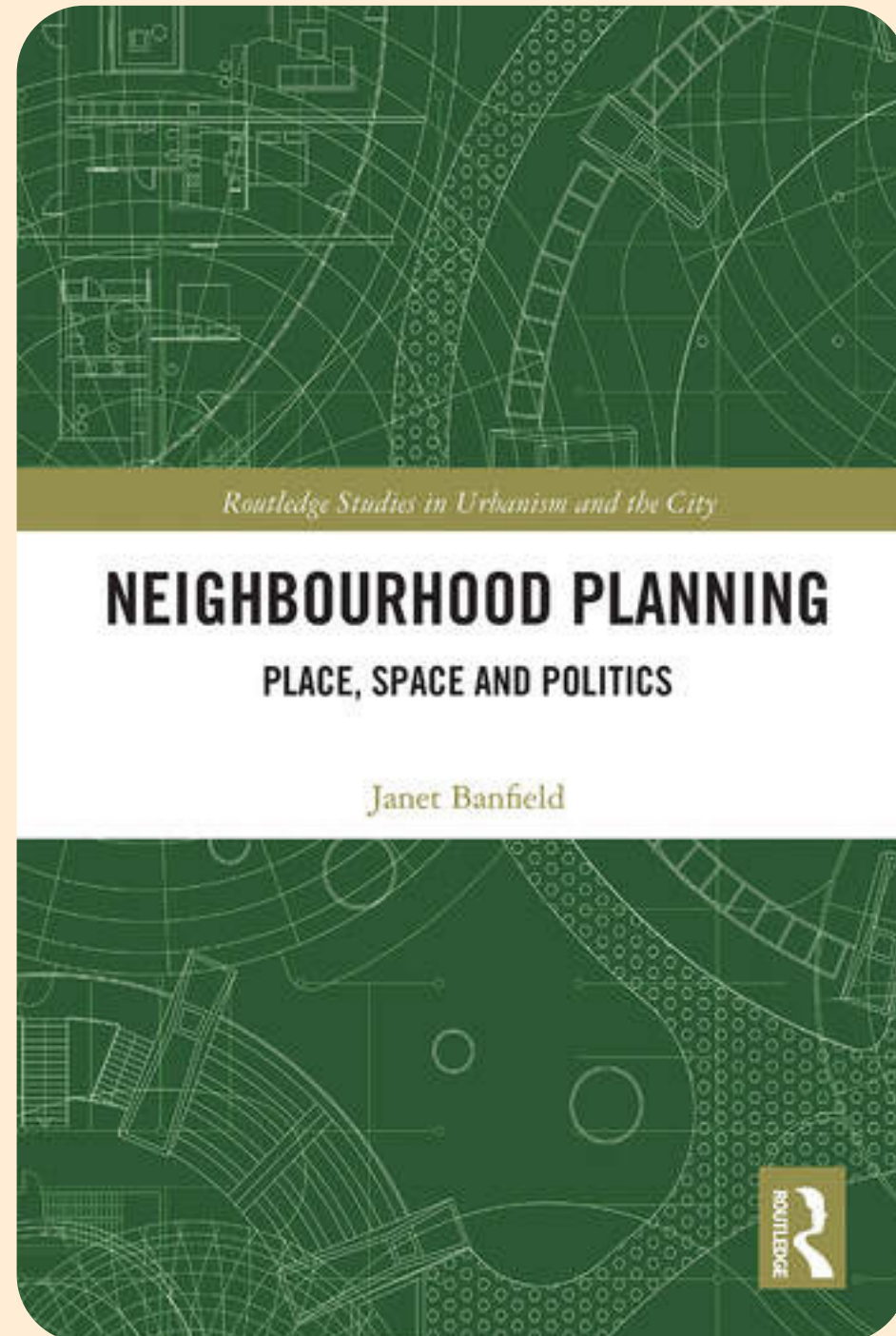
Description: The book starts with an overview of the role of cities in climate change and environmental pollution worldwide, followed by the concept description of smart cities and their expected features, focusing on green technology innovation. This book explores the energy management strategies required to minimize the need for huge investments in high-capacity transmission lines from distant power plants. A new range of renewable energy technologies modified for installation in cities like small wind turbines, micro-CHP and heat pumps are described. The overall objective of this book is to explore all the green and smart technologies for designing green smart cities.





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### NEIGHBOURHOOD PLANNING: PLACE, SPACE, AND POLITICS

Editors: Janet Banfield

Call Number: HT 166 B348 2020

Accession Number: IP - 15450

Publisher: Routledge

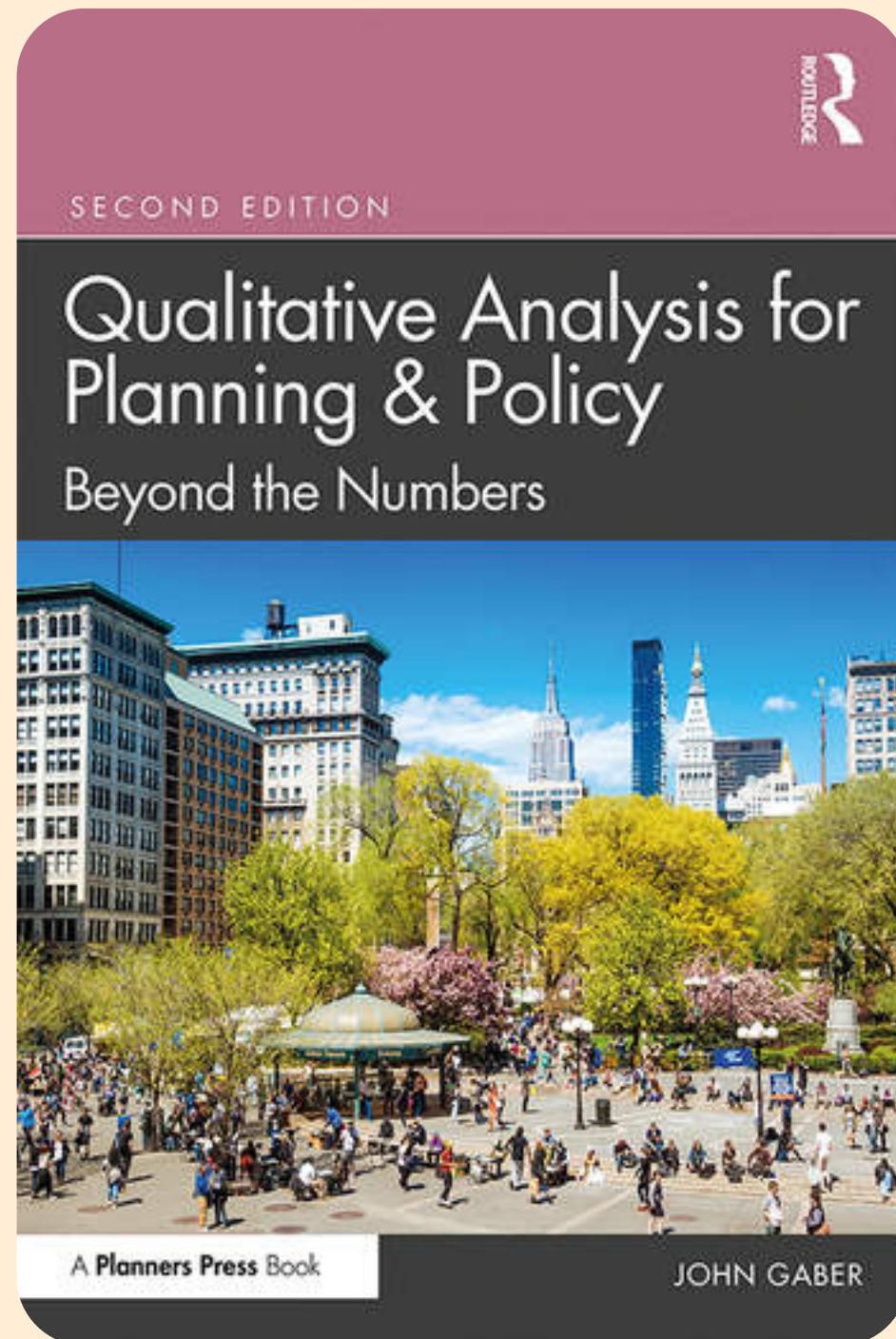
Subject(s): Neighborhood Planning

Description: This book carries out an in-depth investigation of a neighborhood planning process that engages critically with the issues surrounding articulation of local concerns in a strategic manner and the prospects of implementing 'bottom up' community initiatives successfully. It highlights the dynamics involved in shaping the content of a neighbourhood plan and the implications of the different ways in which a place is constructed. The book challenges the notions of a singular place that is described in a neighbourhood plan. It examines conceptual, thematic, strategic and performative constructions of place and the capacity for neighbourhood plans to be developed within this context. It explores the value of connecting the formulation of a neighbourhood plan with the emergence of a relevant local plan, allowing for more meaningful local influence on strategic policymaking.



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### QUALITATIVE ANALYSIS FOR PLANNING & POLICY: BEYOND THE NUMBERS (SECOND EDITION)

Editors: John Gaber

Call Number: HT 165.5 G33 2020

Accession Number: IP - 15451

Publisher: Routledge

Subject(s): City Planning, Regional Planning

Description: Planning and policy decisions are not based solely on numbers, and this book equips planners with a how-to guide to see what has been missing "between the lines" of quantitative data and make good decisions using the best possible information.

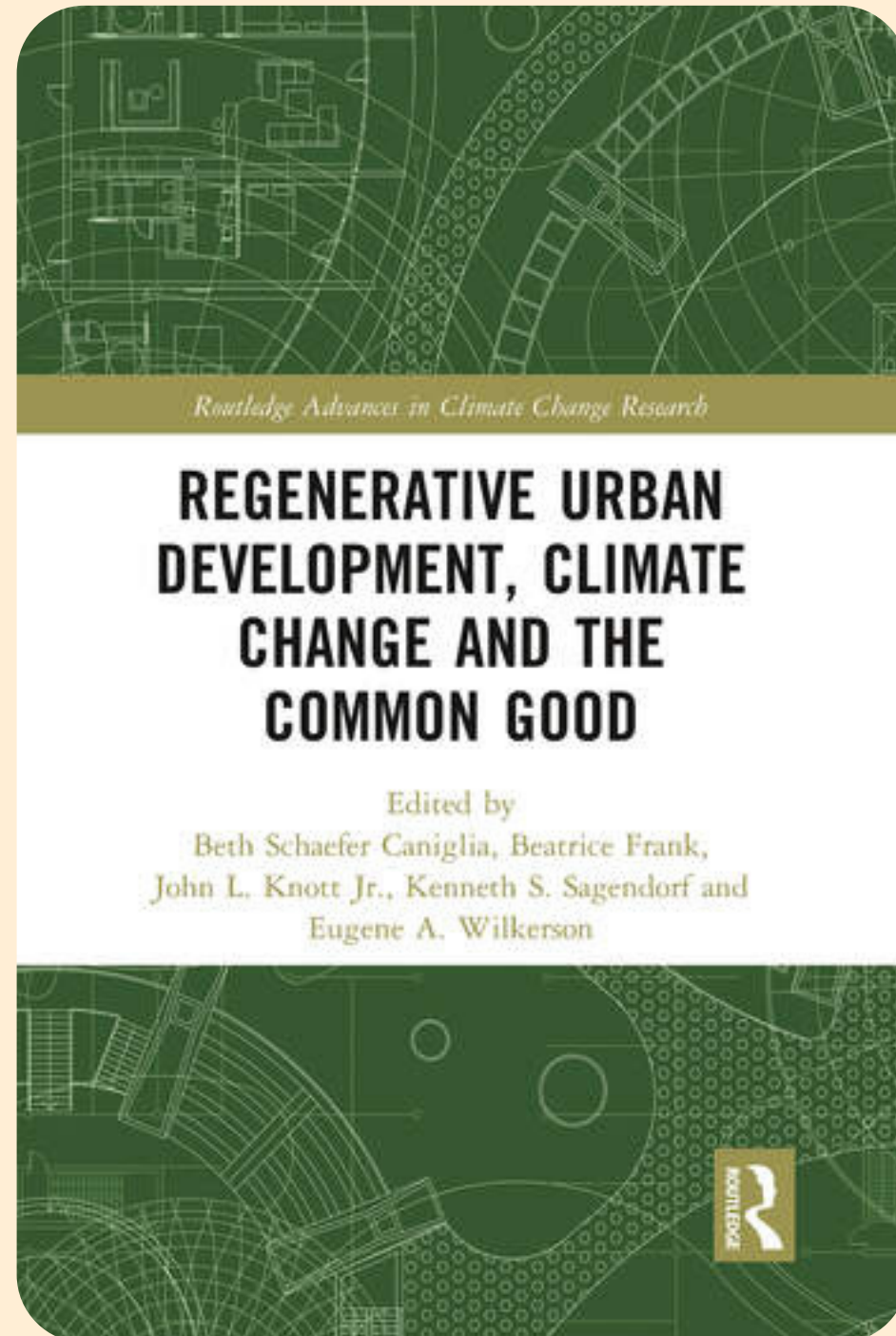
Each chapter offers step-by-step instruction on how to set up and enact diverse types of qualitative research, and case studies demonstrate how qualitative research techniques can be combined with quantitative methods to tackle complex real-world projects.





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### REGENERATIVE URBAN DEVELOPMENT, CLIMATE CHANGE, AND THE COMMON GOOD

Editors: Beth Schaefer Caniglia, Beatrice Frank, John L. Knott Jr., Kenneth S. Sagendorf, and Eugene A. Wilkerson

Call Number: HT 241 R44 2020

Accession Number: IP - 15452

Publisher: Routledge

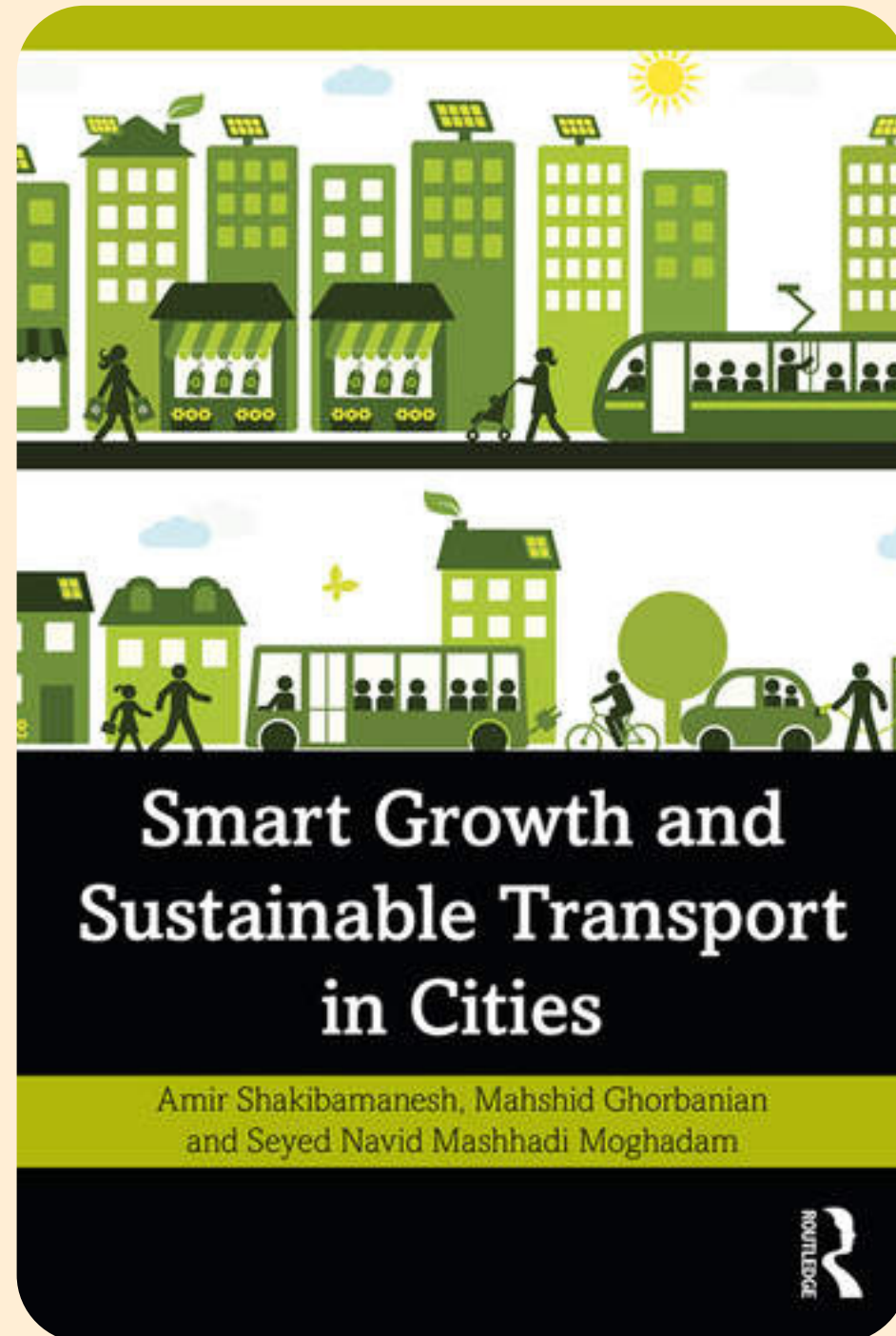
Subject(s): Urban Renewal, City Planning

Description: This book brings together key thinkers in this field to develop a meaningful synthesis between the existing practice of regenerative development and the input of scholars in the social sciences. It begins by providing an expert introduction to the history, principles, and practices of regenerative development before going on to present a thorough theoretical examination by known theorists from disciplines including sociology, geography, and ethics. A section on regenerative development practices illustrates the need to significantly advance our understanding of how urbanization, climate change, and inequality interact at every scale of development work.



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### SMART GROWTH AND SUSTAINABLE TRANSPORT IN CITIES

Editors: Amir Shakibamanesh, Mahshid Ghorbanian, and Seyed Navid Mashhadi Moghadam

Call Number: G 156.5 S87 S45 2020

Accession Number: IP - 15453

Publisher: Routledge

Subject(s): Sustainable tourism

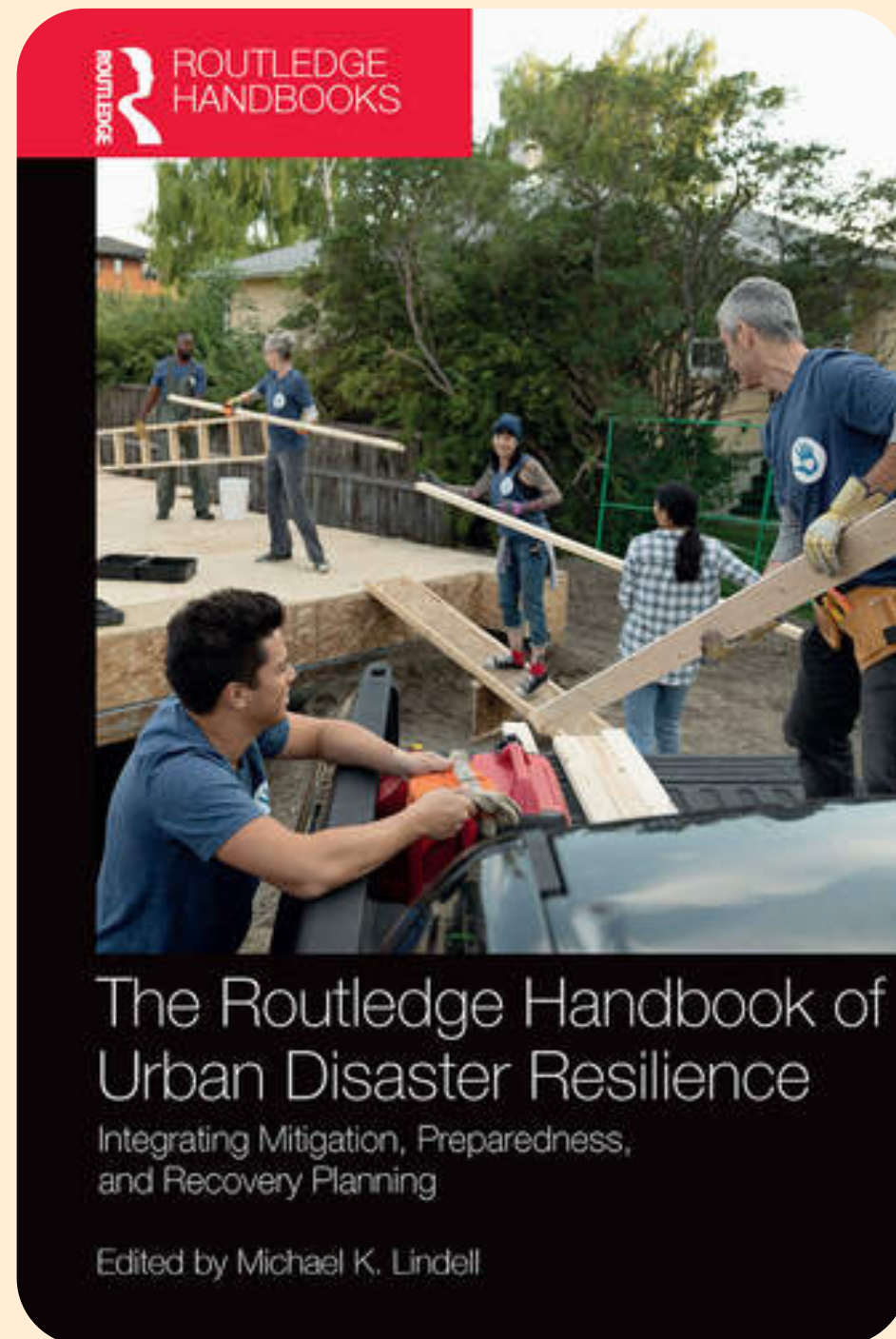
Description: This book delves into the urban planning theory of “smart growth” to encourage the creation of smart cities, where compact urban spaces are optimized to create transit-oriented, pedestrian- and bicycle-friendly areas, with a clear focus on developing a sustainable, humanistic transport system. It provides an effective solution to this with an overview of the historical application of smart growth principles as a response to the issue of sprawling cityscapes, and sheds light on the theoretical information and methodologies used by cities to re-develop the urban landscape. It also encloses a checklist for practitioners and decision makers to inform the developmental process and integrate smart growth strategies into land use planning.





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### THE ROUTLEDGE HANDBOOK OF URBAN DISASTER RESILIENCE: INTEGRATING MITIGATION, PREPAREDNESS, AND RECOVERY PLANNING

Editors: Michael K. Lindell

Call Number: HT 166 R68 2020

Publisher: Routledge

Accession Number: IP - 15454

Subject(s): City Planning, Hazard Mitigation

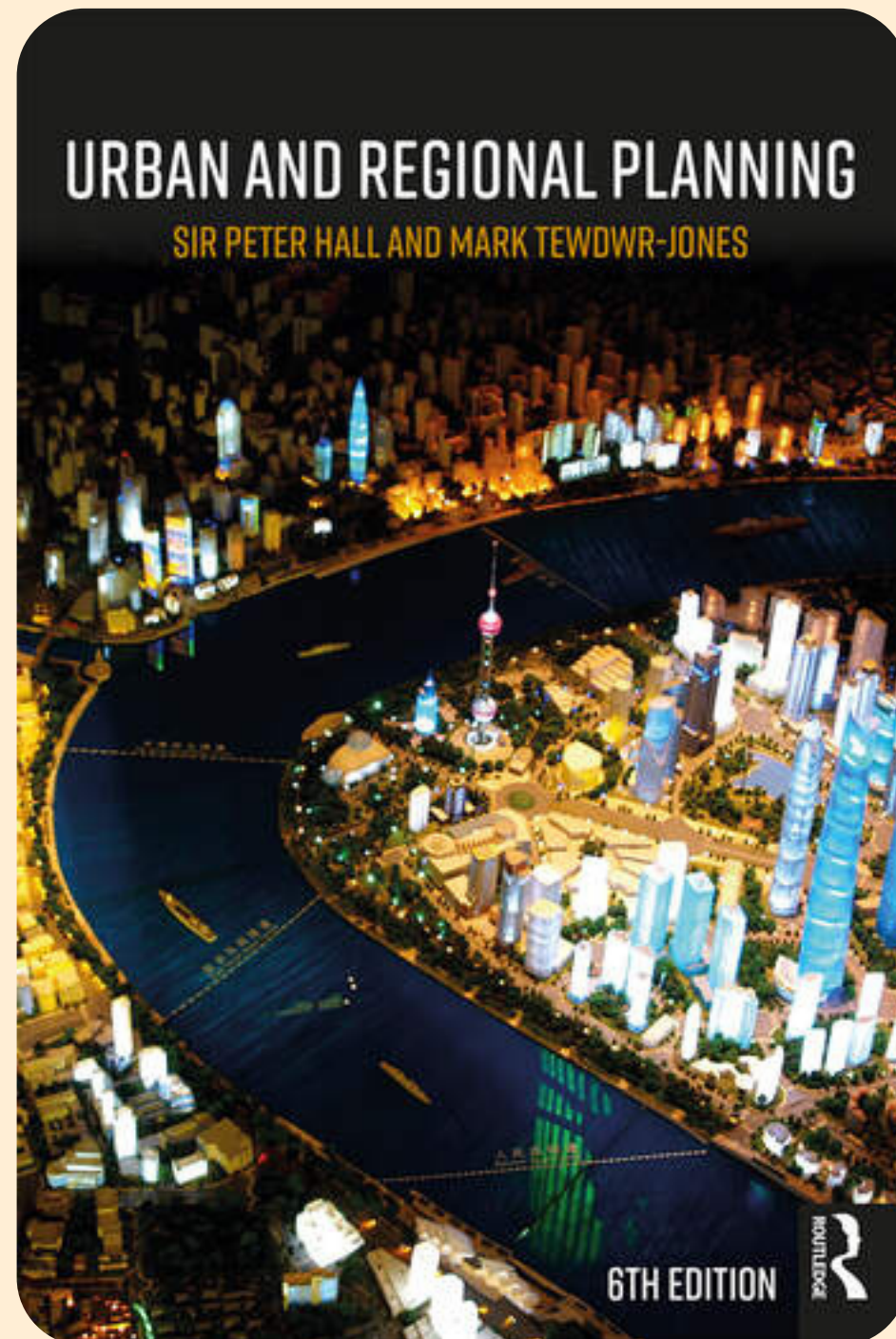
Description: The Routledge Handbook of Urban Disaster Resilience offers the most authoritative and comprehensive coverage of cutting-edge research at the intersection of urban planning and disasters from a U.S. perspective. This book serves as an invaluable guide for undergraduate and postgraduate students, future professionals, and practitioners interested in urban planning, sustainability, development response planning, emergency planning, recovery planning, hazard mitigation planning, land use planning, housing and community development as well as urban sociology, sociology of the community, public administration, homeland security, climate change, and related fields.





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### URBAN AND REGIONAL PLANNING

Editors: Sir Peter Hall and Mark Tewdwr-Jones

Call Number: HT 169 G7 H34 2020

Accession Number: IP - 15455

Publisher: Routledge

Subject(s): City Planning, Regional Planning

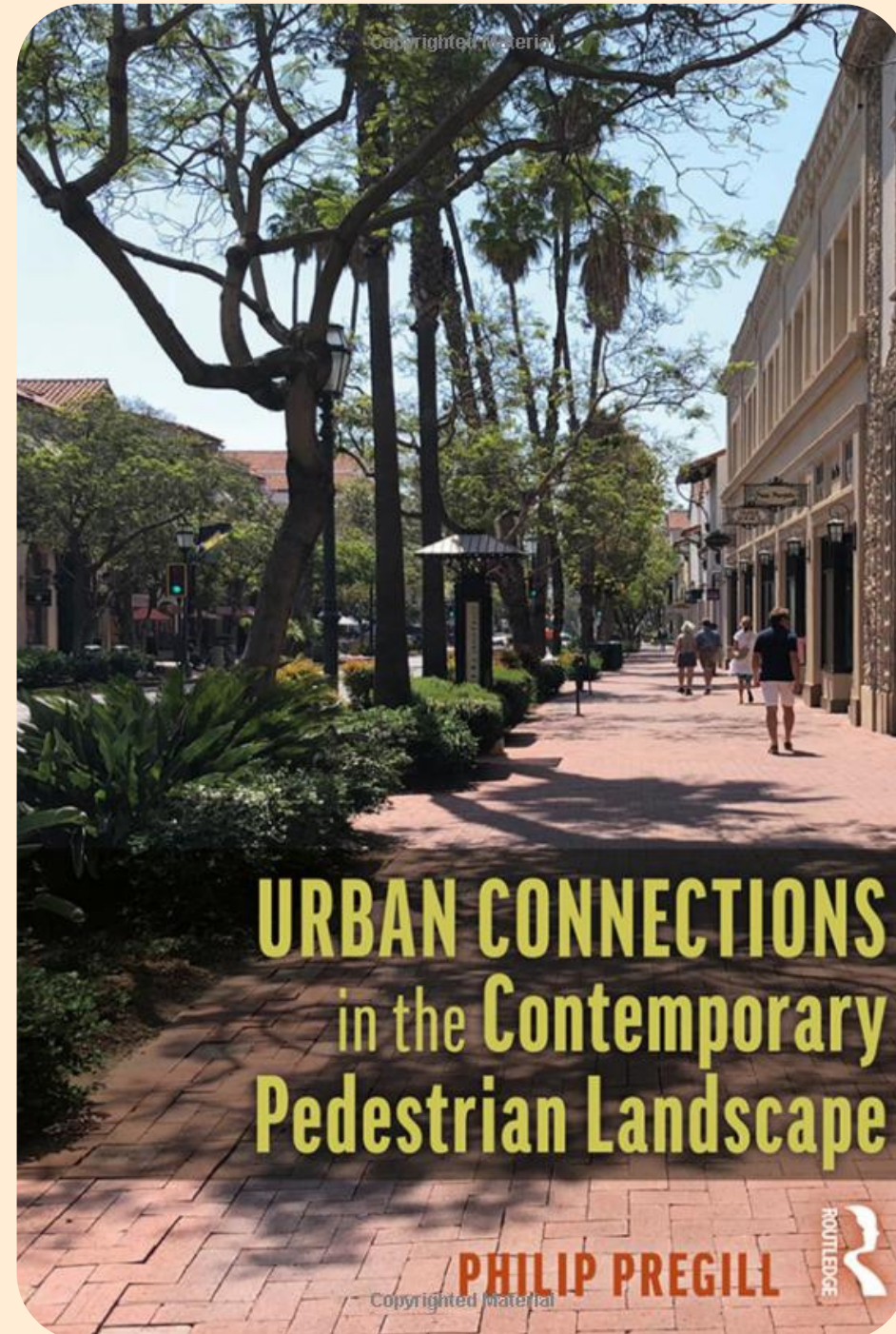
Description: This is the sixth edition of the classic text for students of geography and urban and regional planning. It gives an historical overview of the changes in cities and regions and in the development of the theory and practice of planning throughout the 20th and 21st centuries. The extensively revised edition now incorporates new material on European issues, as well as updated country-specific sections and the impact of recession. Specific references are made to the most important British developments in recent times, including new towns, neo-liberalism, the devolution to Scotland, Wales and Northern Ireland, and to cities and combined authorities, the role of infrastructure and high-speed rail, the impact of austerity, neighbourhood planning, Brexit and the continual story of the north-south divide.





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### URBAN CONNECTIONS IN THE CONTEMPORARY PEDESTRIAN LANDSCAPE

Editors: Philip Pregill

Call Number: NA 9074 P74 2020

Publisher: Routledge

Accession Number: IP - 15456

Subject(s): Pedestrian Areas

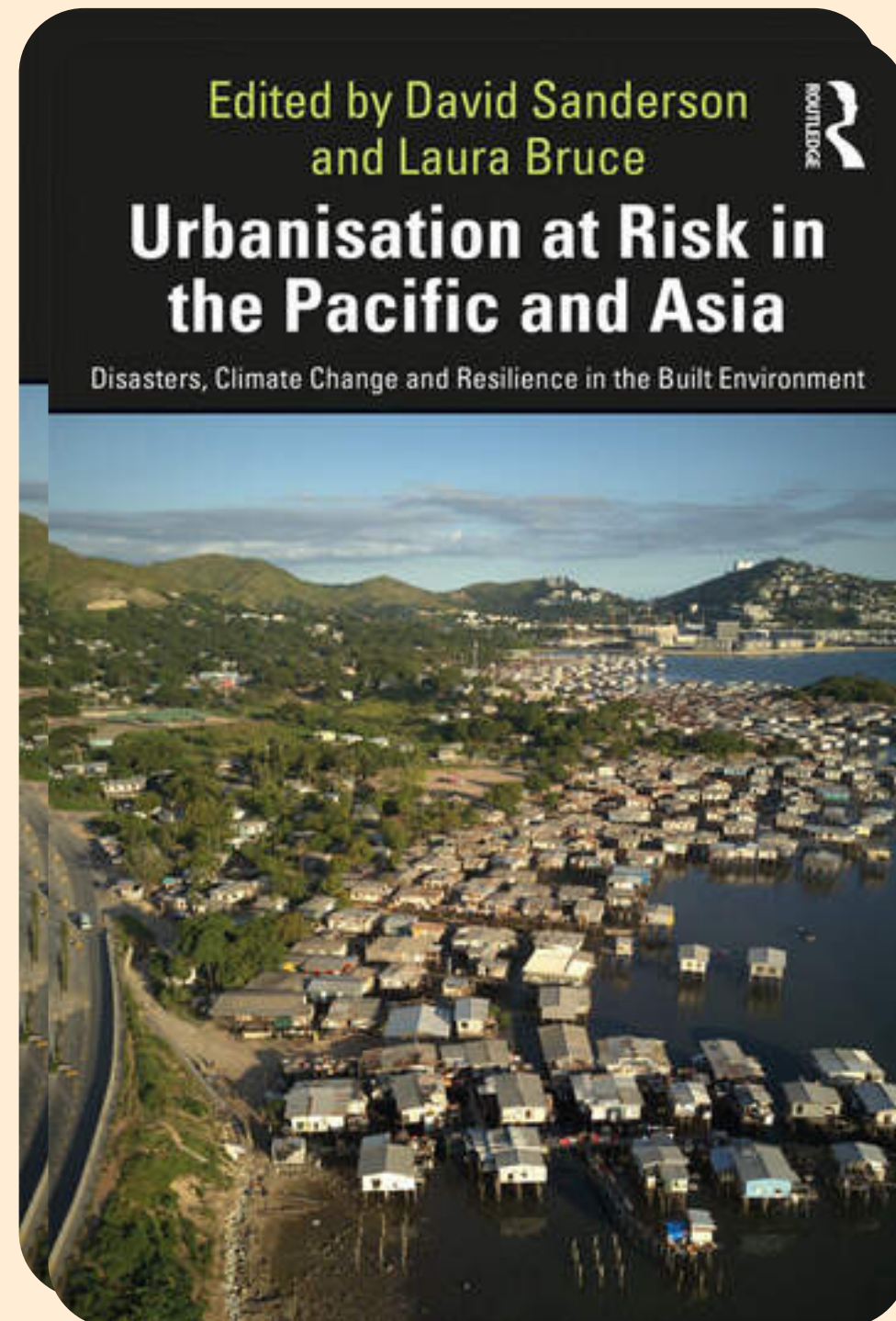
Description: Urban Connections in the Contemporary Pedestrian Landscape explores the significant physical and cultural changes in our urban areas following the implementation of design strategies and increased pedestrian activity. Beginning with a history of the urban grid, the book then discusses experiential factors of pedestrianized urban landscapes in three scales, arterials, collectors and locals, with an emphasis on inductive and deductive design alternatives. It closely examines elements derived from current urban pedestrian experiences including form, scale, surfaces and identity and provides alternative design solutions for the future.





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### URBANISATION AT RISK IN THE PACIFIC AND ASIA: DISASTERS, CLIMATE CHANGE, AND RESILIENCE IN THE BUILT ENVIRONMENT

Editors: David Sanderson and Laura Bruce

Call Number: HT 384 A78 U725 2020

Accession Number: IP - 15457

Publisher: Routledge

Subject(s): Climate Change, Resilience

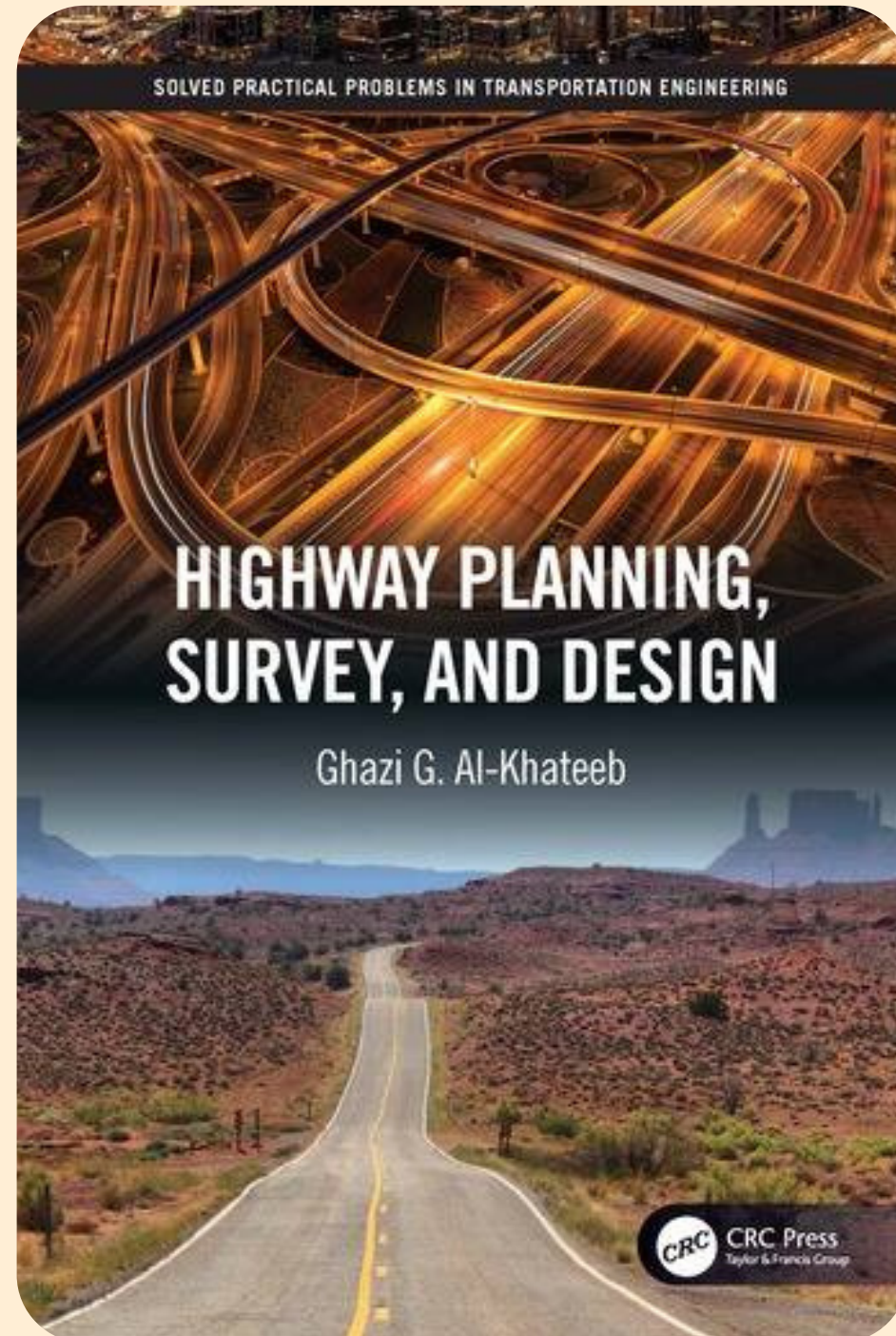
Description: This book presents practical approaches for tackling the threats from climate change and disasters to urban growth in Pacific island countries and Asian nations. With chapters written by leading scholars and practitioners, Urbanisation at Risk presents research and case studies from island countries across the Pacific, Cambodia, Nepal and the Philippines. The book explores and presents the theory, policy and practice of how governments, civil society, aid organisations and people themselves prepare for, withstand and recover better from urban disasters including windstorms, floods, earthquakes and fires, and the effects of climate change. This book is written for urban policy makers, researchers, humanitarian aid and development workers, and anyone interested in urbanisation, participatory approaches, disasters, resilience and climate change adaptation.





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### HIGHWAY PLANNING, SURVEY, AND DESIGN

Editors: Ghazi G. Al-Khateeb

Call Number: TE 153 A44 2021

Publisher: CRC Press

Accession Number: IP - 15458

Subject(s): Highway Planning

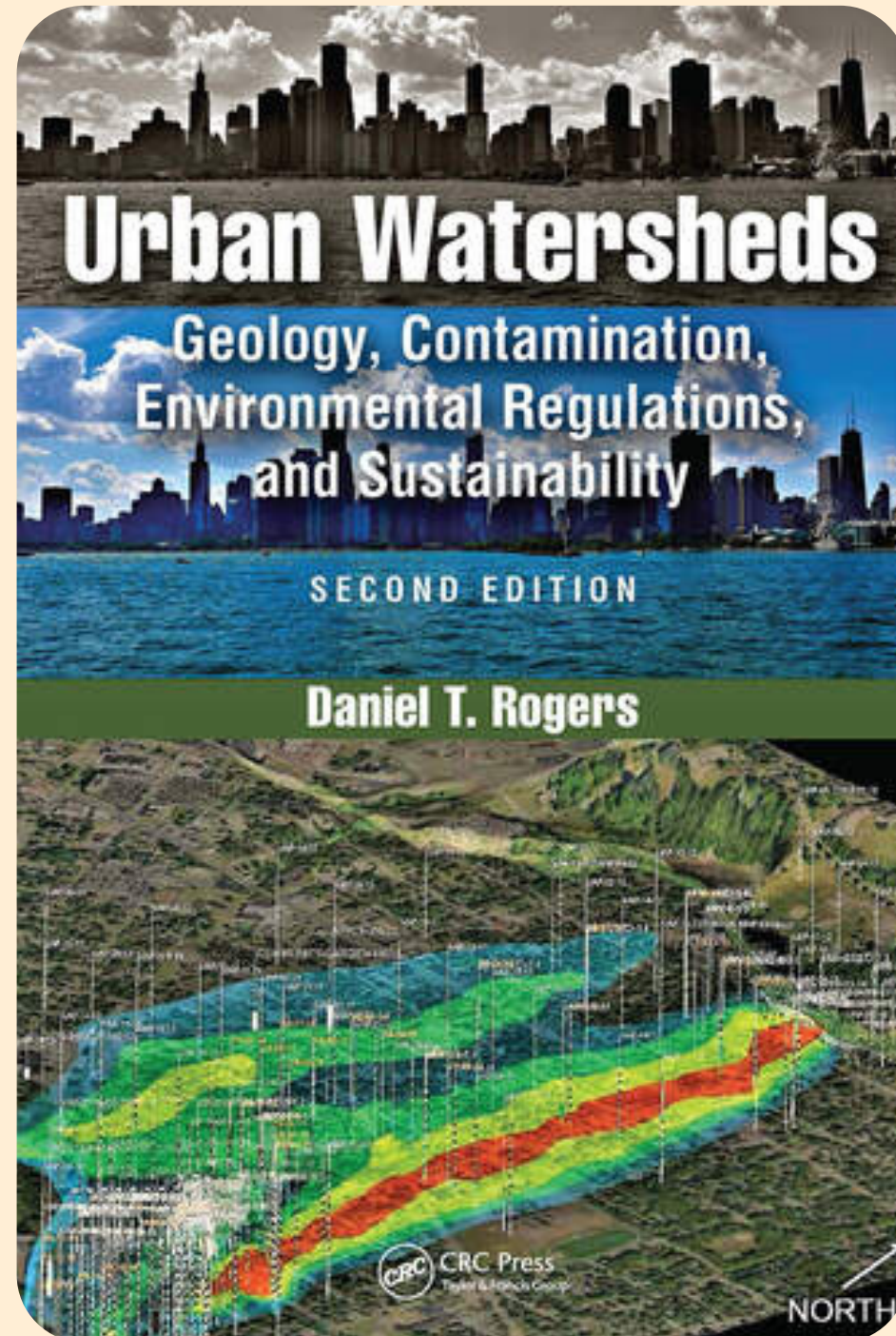
Description: Highway Planning, Survey, and Design presents the latest engineering concepts, techniques, practices, principles, standard procedures, and models that are applied and used to design and evaluate alternatives of transportation systems and roadway horizontal and vertical alignments and to forecast travel demand using variety of trip forecasting models to ultimately achieve greater safety, sustainability, efficiency, and cost-effectiveness. It provides in-depth coverage of the major areas of transportation engineering and includes a broad range of practical problems and solutions, related to theory, concepts, practice, and applications.





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### URBAN WATERSHEDS: GEOLOGY, CONTAMINATION, ENVIRONMENTAL REGULATIONS, AND SUSTAINABILITY

Editors: Daniel T. Rogers

Call Number: TD 657 R64 2020

Publisher: CRC Press

Accession Number: IP - 15459

Subject(s): City & Urban Planning

Description: Taking an interdisciplinary approach, Urban Watersheds, Geology, Contamination, Environmental Regulations, and Sustainability, Second Edition presents more than 30 years of research and professional practice on urban watersheds from the fields of environmental geology, geochemistry, risk analysis, hydrology, and urban planning. The geological characteristics of urbanized watersheds along with the physical and chemical properties of their common contaminants are integrated to assess risk factors for soil, groundwater, and air. This new edition continues to examine the urban environment and the geology beneath urban areas, evaluates the contamination that affects watersheds in urban regions, and addresses redevelopment strategies.