



Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography)

From Springer

Download now

Read Online 

Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography) From Springer

This book introduces the latest thinking on the use of Big Data in the context of urban systems, including research and insights on human behavior, urban dynamics, resource use, sustainability and spatial disparities, where it promises improved planning, management and governance in the urban sectors (e.g., transportation, energy, smart cities, crime, housing, urban and regional economies, public health, public engagement, urban governance and political systems), as well as Big Data's utility in decision-making, and development of indicators to monitor economic and social activity, and for urban sustainability, transparency, livability, social inclusion, place-making, accessibility and resilience.

 [Download Seeing Cities Through Big Data: Research, Methods ...pdf](#)

 [Read Online Seeing Cities Through Big Data: Research, Method ...pdf](#)

Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography)

From Springer

Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography) From Springer

This book introduces the latest thinking on the use of Big Data in the context of urban systems, including research and insights on human behavior, urban dynamics, resource use, sustainability and spatial disparities, where it promises improved planning, management and governance in the urban sectors (e.g., transportation, energy, smart cities, crime, housing, urban and regional economies, public health, public engagement, urban governance and political systems), as well as Big Data's utility in decision-making, and development of indicators to monitor economic and social activity, and for urban sustainability, transparency, livability, social inclusion, place-making, accessibility and resilience.

Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography) From Springer Bibliography

- Rank: #4887917 in Books
- Published on: 2016-10-08
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x 1.25" w x 6.14" l, .0 pounds
- Binding: Hardcover
- 559 pages

 [Download Seeing Cities Through Big Data: Research, Methods ...pdf](#)

 [Read Online Seeing Cities Through Big Data: Research, Method ...pdf](#)

Download and Read Free Online Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography) From Springer

Editorial Review

From the Back Cover

This book introduces the latest thinking on the use of Big Data in the context of urban systems, including research and insights on human behavior, urban dynamics, resource use, sustainability and spatial disparities, where it promises improved planning, management and governance in the urban sectors (e.g., transportation, energy, smart cities, crime, housing, urban and regional economies, public health, public engagement, urban governance and political systems), as well as Big Data's utility in decision-making, and development of indicators to monitor economic and social activity, and for urban sustainability, transparency, livability, social inclusion, place-making, accessibility and resilience.

About the Author

Piyushimita (Vonu) Thakuria is Ch2M Chair of Transportation and Professor of Urban Studies in the University of Glasgow, UK. She is the founding Director of the Urban Big Data Centre, a consortium of seven universities funded by the Economic and Social Research Council. Prior to current position, she was Professor of Urban Planning and Policy, University of Illinois at Chicago. She started her career as a postdoctoral researcher in the National Institute of Statistical Sciences, Research Triangle Park, North Carolina, with a fellowship funded by the National Science Foundation's (NSF) Division of Mathematical Sciences (DMS). Her research interests are in smart, socially-just and sustainable transportation, and on theories and methods explaining transportation policies and traveler behaviour. Her work has examined "smart" public transportation, bicycle and pedestrian active transportation, as well as in connected/collaborative/shared transportation systems. Vonu's research has considered the needs of a wide spectrum of travelers including low-wage workers, seniors, persons with disabilities and young adults and her work links social equity and human capital considerations to the labour market, safety, well-being and other outcomes experienced by travelers. She is more broadly interested in Urban Informatics or the analytics of emerging sources of data to understand complex urban problems, and the political economy surrounding many novel forms of data. Such analytics have significant potential to improve livability, learning and engagement in cities and to bring about urban planning, policy and business innovations. Aside from numerous journal articles in these areas, her recent book "Transportation and Information: Trends in Technology and Policy" discusses emerging ICT trends in smart mobility systems. She is currently a European Commission Marie Curie fellow.

Nebiyou Tilahun is an Assistant Professor in the Urban Planning and Policy department at University of Illinois at Chicago. He earned his PhD in Civil Engineering from the University of Minnesota in 2010. He was previously a postdoctoral researcher at the Humphrey School for Public Affairs and at the Urban Transportation Center at University of Illinois at Chicago. His work focuses on travel behavior analyses, transportation planning models, and social issues surrounding transportation. His recent works includes the evaluation of last-mile barriers to intermodal transportation and on strategies to enhance transit accessibility in regions implementing transit system changes. He is also interested in the use of agent-based models for transportation planning applications and is the developer of ABODE (an agent based trip distribution model for work purposes). His research leverages large datasets collected by public and private institutions to inform questions about traveller's long and short-term decisions for location and mode as well as to understand urban transit and land use related issues to inform transportation policy. He received the 2008 Matthew J. Huber Award for Excellence in Transportation Research and Education from the University of Minnesota's Center for Transportation Studies.

Moira Zellner joined the Urban Planning & Policy Program as an Assistant Professor in January of 2006. Born in Buenos Aires, Argentina, Moira earned her undergraduate degree in ecology at the Centro de Altos Estudios en Ciencias Exactas, and pursued graduate studies in urban and regional planning and in complex systems at the University of Michigan. Before coming to the US, she worked in Argentina as a consultant on environmental issues for local and international environmental engineering firms and for the undersecretary of Environment in the City of Buenos Aires, in projects related to domestic and hazardous waste management, river remediation, industrial pollution control, and environmental impact assessments. She also participated in interdisciplinary and international research projects of urban air pollution and of the spread of tuberculosis through public transportation. In the US, her professional work includes greenway development and river restoration projects in Miami Beach and in California, and transportation surveys. Her current research involves assessing the environmental impacts of urbanization, and exploring how to enhance the sustainability and resilience of urban areas. The focus is on how specific policy and behavioral changes can effectively address complex environmental problems, in which decentralized decisions result in regional land-use and consumption patterns that negatively affect resource availability and quality. Her research also examines the applicability of complexity theory and complexity-based models to policy exploration and social learning.

Users Review

From reader reviews:

Patsy Hall:

Do you have favorite book? When you have, what is your favorite's book? E-book is very important thing for us to understand everything in the world. Each reserve has different aim or goal; it means that e-book has different type. Some people experience enjoy to spend their time to read a book. They are reading whatever they have because their hobby is reading a book. Why not the person who don't like reading a book? Sometime, particular person feel need book whenever they found difficult problem or perhaps exercise. Well, probably you will require this Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography).

Jeffery Fulmer:

Hey guys, do you desires to finds a new book to study? May be the book with the concept Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography) suitable to you? Often the book was written by famous writer in this era. The book untitled Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography) is a single of several books that everyone read now. This particular book was inspired lots of people in the world. When you read this e-book you will enter the new shape that you ever know before. The author explained their plan in the simple way, therefore all of people can easily to know the core of this publication. This book will give you a wide range of information about this world now. To help you see the represented of the world with this book.

Timothy Bullock:

People live in this new time of lifestyle always try and and must have the time or they will get lot of stress from both way of life and work. So , when we ask do people have spare time, we will say absolutely without

a doubt. People is human not a robot. Then we question again, what kind of activity are there when the spare time coming to a person of course your answer will unlimited right. Then do you ever try this one, reading guides. It can be your alternative with spending your spare time, the book you have read is usually Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography).

Christopher Palmer:

As we know that book is significant thing to add our knowledge for everything. By a publication we can know everything we wish. A book is a set of written, printed, illustrated as well as blank sheet. Every year was exactly added. This book Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography) was filled with regards to science. Spend your spare time to add your knowledge about your science competence. Some people has diverse feel when they reading a new book. If you know how big selling point of a book, you can feel enjoy to read a guide. In the modern era like at this point, many ways to get book that you just wanted.

Download and Read Online Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography) From Springer #IYJ5VC9MGRO

Read Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography) From Springer for online ebook

Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography) From Springer Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography) From Springer books to read online.

Online Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography) From Springer ebook PDF download

Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography) From Springer Doc

Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography) From Springer Mobipocket

Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics (Springer Geography) From Springer EPub