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The Geography Of Urban Transportation, Fourth Edition



The Geography of Urban Transportation

edited by Genevieve Giuliano Susan Hanson



Synopsis

A comprehensive update, the fourth edition of this leading text features numerous chapters by new authors addressing the latest trends and topics in the field. The book presents the foundational concepts and methodological tools that readers need in order to engage with today's pressing urban transportation policy issues. Coverage encompasses passenger and freight dynamics in the American metropolis; the local and regional transportation planning process; and questions related to public transit, land use, social equity and environmental justice, energy consumption, air pollution, transportation finance, sustainability, and more. Among the student-friendly features are special-topic boxes delving into key issues and 87 instructive figures, including eight color plates. Ă Â New to This Edition *Extensively revised coverage of information and communication technologies, urban freight, travel behaviors, and regional transportation planning. *Engaging discussions of current topics: smartphone travel tracking, Uber, car and bike sharing, food deserts, biofuels, and more. *Heightened focus on climate change. *Reflects over a decade of policy changes, technological advances, and emergent ideas and findings in the field. *Most of the figures and special-topic boxes are new.

Book Information

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Customer Reviews

"The fourth edition of this book continues the strengths of previous editions, integrating the fundamental concepts of urban transportation with the newest technologies and practices that illustrate and challenge those concepts. It offers an even-handed balance of social and economic

concerns, and is well edited with frequent connections across chapters. This edition is enhanced by new chapters on global logistics systems grounded in urban neighborhoods, information and communications technologies that simultaneously reduce and increase travel, theories behind how we model transportation, and the vital relationship between transportation and social equity. I look forward to using the fourth edition in my upper-division transportation geography course."--Julie Cidell, PhD, Department of Geography and Geographic Information Science, University of Illinois at Urbanaâ⠬⠜Champaign "The Geography of Urban Transportation has long been unmatched in its ability to capture its topic $\hat{A}\phi\hat{a} - \hat{a}_{\mu}\phi$ s broad interdisciplinary sweep, and to convey this breadth in a manner accessible to the student, practitioner, and policymaker. The fourth edition brings the story up to the minute with the latest in modeling techniques, planning practices, and research findings and controversies. It is the indispensable text for those committed to learning how to improve the societal, environmental, and economic performance of this vital aspect of metropolitan regions worldwide."--Jonathan Levine, PhD, Emil Lorch Collegiate Professor of Architecture and Urban Planning, University of Michigan "This classic in transportation geography has been updated to include the latest trends and ideas in urban transportation planning, while maintaining the strong conceptual framework that characterized previous editions. The editors have brought together an impressive group of experts, and the book has been updated to provide case study examples from cities throughout the world. The diversity of topics makes this book an essential part of the library of transportation professionals and a good introductory textbook for upper-division undergraduates and graduate students."--Ruth L. Steiner, PhD, Director, Center for Health and the Built Environment, Department of Urban and Regional Planning, University of Florida "An informative, go-to text on transportation issues and trends. Updates in the fourth edition have made the book even more relevant and applicable. The contributors are well known and revered in the field, and the editors have done a great job of bringing together a wide range of topics into a coherent whole. Chapters build an understanding of the past, address current problems, highlight successes, and challenge common approaches in a thoughtful and informative manner. This is an excellent resource for upper-division undergraduates or graduate students."--Kathleen Deutsch-Burgner, PhD, Adjunct Faculty, Department of Earth and Planetary Sciences, Santa Barbara City College "A valuable addition to the bookshelves of professional planners, as well as students and scholars. The editors and contributors carry us through the subject in a logical manner, from the development and structure of urban areas in relation to transportation and communication infrastructure, to the fundamentals of transportation planning, to policy issues. The book offers a comprehensive view of issues surrounding the geography of urban transportation, but its relevance is even broader--it

speaks to anyone interested in understanding and effecting policy for urban areas in general."--Michael Ratcliffe, geographer, U.S. Census Bureau"A valuable contribution to the understanding of the field of urban transportation....The editors have assembled an impressive array of experts....The spread of topics and issues covered by this book will ensure that it will become a ready reference for practicing professionals as well as a good introductory textbook for upper-class undergraduate and beginning graduate students in a variety of fields concerned with understanding urban transportation." (on the third edition) (Regional Studies 2006-05-01)

Genevieve Giuliano, PhD, is the Margaret and John Ferraro Chair in Effective Local Government in the Sol Price School of Public Policy, University of Southern California (USC), and Director of the METRANS Transportation Center, a joint partnership of USC and California State University Long Beach. Her research and over 170 publications focus on relationships between land use and transportation; transportation policy analysis; and information technology applications in transportation. Dr. Giuliano is a past Chair of the Executive Committee of the Transportation Research Board (TRB), within the National Academies of Sciences, Engineering, and Medicine, and of the Council of University Transportation Centers (CUTC). She is a recipient of honors including the Thomas B. Deen Distinguished Lectureship Award from the TRB, the Distinguished Transportation Researcher Award from the Transportation Research Forum, and the Distinguished Contribution to University Transportation and Research Award from the CUTC. She is a frequent participant in National Research Council policy studies and a member of several advisory boards, including the National Freight Advisory Committee. A A Susan Hanson, PhD, is Distinguished University Professor Emerita in the Graduate School of Geography at Clark University. She is an urban geographer with longstanding interests in gender and economy, the geography of everyday life, and sustainability. Dr. Hanson has been editor of Urban Geography, Economic Geography, the Annals of the Association of American Geographers, and The Professional Geographer. She currently serves on the editorial board of the Proceedings of the National Academy of Sciences and is Division Chair for the Transportation Research Board, within the National Academies of Sciences, Engineering, and Medicine. Dr. Hanson is a member of the National Academy of Sciences, a Fellow of the American Association for the Advancement of Science and of the American Academy of Arts and Sciences, and a past president of the Association of American Geographers. A Â

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