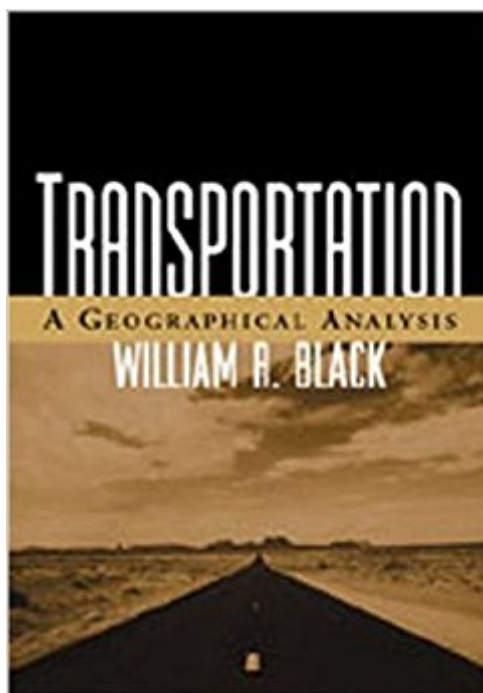


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Transportation: A Geographical Analysis



Synopsis

This comprehensive text provides an authoritative introduction to transportation geography. With a primary focus on the United States, the volume also examines problems and trends in Europe and other parts of the developed world. Students gain a solid grasp of the history, definitions, and core concepts of the field, as well as models for analyzing transportation networks and flows between regions. Environmental, economic, and social issues in transportation planning and policy are addressed, and the uses of geographic information systems in transport (GIS-T) are discussed in detail. Written in a clear, straightforward style, the volume emphasizes real-world applications of the concepts discussed and identifies promising directions for future research. No advanced mathematical knowledge on the part of the reader is assumed.

Book Information

Hardcover: 375 pages

Publisher: The Guilford Press; 1 edition (June 6, 2003)

Language: English

ISBN-10: 1572308486

ISBN-13: 978-1572308480

Product Dimensions: 7.2 x 0.9 x 10.2 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 stars 2 customer reviews

Best Sellers Rank: #547,410 in Books (See Top 100 in Books) #92 in [Books > Politics & Social Sciences > Politics & Government > Public Affairs & Policy > Regional Planning](#) #119 in [Books > Engineering & Transportation > Engineering > Civil & Environmental > Transportation](#) #463 in [Books > Textbooks > Social Sciences > Geography](#)

Customer Reviews

"This high-quality book from a noted transport geographer is a welcome addition to the literature. Readers interested in networks, flow analysis, and spatial interaction will find it especially indispensable. Clear and insightful sections on the transport planning process, transport impact analysis, and transport's impact on the environment are major bonuses. From a contemporary perspective, the sections on geographic information systems in transport and the treatment of such current issues as congestion and sustainable transport are critical reading for academics and policymakers alike."--Thomas R. Leinbach, Department of Geography, University of Kentucky" This is the best and most comprehensive analysis available of regional transportation systems in the

United States, befitting William R. Black's reputation as one of the field's foremost authorities. Not only is Black's work on the evolution of U.S. transportation insightful, but his development and demonstration of research methodologies is also without peer. The book distills historical and recent policy questions into clear, researchable issues, blending spatial, economic, environmental, and social considerations. It concludes on a positive note of sustainability that is both optimistic and judicious. This book should be required reading for all transportation researchers and analysts. As a text, it is sure to dominate the field for the next decade."--Kingsley E. Haynes, University Professor and Dean, School of Public Policy, George Mason University "It would be difficult to imagine a more useful or comprehensive introductory text in the field of transportation geography. The author successfully manages to infuse the text with his abiding interest in the geographical aspects of all things to do with travel and transport."--Andrew Gillespie, University of Newcastle, UK "...provides a major contribution to the transport geography literature....each chapter could easily be used as a lecture topic in its own right. Its strengths are in placing the geographical literature in the centre of the transport literature, as the richness of that material has much to offer all students and researchers. The book is full of nuggets of information and ideas, with an overall clarity of perspective." (Built Environment 2003-06-08)

William R. Black is Professor of Geography and Public and Environmental Affairs at Indiana University-Bloomington. During his career at Indiana University he has directed 16 transportation research projects for state and federal transportation agencies and published more than 200 research papers and reports. He served on the activation task force that created the Consolidated Rail Corporation in the 1970s and was the first director of the Indiana Department of Transportation in 1980. He has served as chair of the Transportation Specialty Group of the Association of American Geographers (AAG) and as North American Associate Editor of the Journal of Transport Geography. He is the recipient of the AAG's 1995 Ullman Award for contributions to transportation geography. In 2000 he presented the Fleming lecture in transport geography at the annual AAG meeting. He is active in the Transportation Research Board (TRB) of the National Research Council where he served as Chairman of the Committee on Social and Economic Factors in Transportation, and continues to serve as a member of several other committees and project panels. He received a Distinguished Service Award from the TRB in 2002. He is currently coordinator of STAR, a sustainable transport analysis and research thematic network funded by the National Science Foundation.

The book is in excellent shape and looks new and unused. It is as if I'm purchasing a new one. Honestly satisfied with this order.

Book is good covering all cost and spatial interactions however it should have dealt the usage of Genetic Algorithms and Multi criteria Decision Analysis.

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