

Handbook of Transportation Engineering

By Myer Kutz



Handbook of Transportation Engineering By Myer Kutz

This is a comprehensive, problem-solving engineering guide on the strategic planning, development, and maintenance of public and private transportation systems. Covering all modes of transportation on land, air, and water, the *Handbook* shows how to solve specific problems, such as facility improvement, cost reduction, or operations optimization at local, regional, national, and international levels.

- * Extensive sections on road construction and maintenance, bridge construction and repair, and mass transit systems
- * Examines airline traffic control systems, airline schedule planning, and airline ground operation
- * Covers marine, rail, and freight transportation



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Handbook of Transportation Engineering By Myer Kutz Bibliography

Sales Rank: #3941496 in Books
Published on: 2003-11-28
Original language: English

• Number of items: 1

• Dimensions: 9.40" h x 1.95" w x 7.30" l, 3.53 pounds

• Binding: Hardcover

• 1000 pages

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Editorial Review

Review

Covering all varieties of transportation systems, including freight, passenger, and mass transit air, rail, road, and water systems at the local,regional, national, and international levels, this handbook provides problemsolving engineering tools, planning and design techniques with examples of successful applications, and stratagems for deriving positive results from the complex interplay among policy-making, planning, management, operations, and technology. The handbook offers guidance on providing for pedestrians and bicycles, help with noise and air pollution issues, and methods for improving air traffic control systems, airline scheduling, and ground operations. The editor is president of a publishing and information services consulting firm. (*Sci-Tech Book News* 2004-06-01)

From the Back Cover

THE ULTIMATE GUIDE TO TRANSPORTATION SYSTEM UPGRADES

For anyone striving to increase the efficiency, performance, capacity, or safety of any transportation system, Myer Kutz's *Handbook of Transportation Engineering* is an unbeatable asset. Packed with practical tools and strategies, this problem-solving resource helps you forge transport system solutions that work on all levels, including the all-important bottom line.

IMPROVE ANY SYSTEM

Covering all varieties of transportation systems -- air, rail, road, and water; local, regional, national, and international; freight and passenger, and facilities -- *Handbook of Transportation Engineering* provides:

- * Problem-solving engineering tools for transportation systems of all types, including mass transit
- * Planning and design techniques, with examples of successful applications
- * Stratagems for deriving positive results from the complex interplay among policy-making, planning, management, operations, and technology
- * Guidance on cost-effective repair of roads and bridges
- * Methods for improving air traffic control systems, airline scheduling, and ground operations
- * Practical applications that solve problems in rail and freight transportation
- * Expert help with noise and air pollution

About the Author

Myer Kutz has been president of Myer Kutz Associates, Inc., a publishing and information services consulting firm, since 1990. He was vice president in charge of scientific/technical publishing at John Wiley & Sons for 5 years. He has been a member of the board of the Online Computer Library Center (OCLC) and chair of the ASME Publications Committee. He has a BS in mechanical engineering from MIT and a master's degree from RPI. He is the editor of *Standard Handbook of Biomedical Engineering and Design*, also published by McGraw-Hill.

Users Review

From reader reviews:

Jeff Farley:

The ability that you get from Handbook of Transportation Engineering will be the more deep you searching the information that hide inside words the more you get thinking about reading it. It doesn't mean that this book is hard to be aware of but Handbook of Transportation Engineering giving you buzz feeling of reading. The article author conveys their point in selected way that can be understood by simply anyone who read that because the author of this book is well-known enough. This kind of book also makes your own personal vocabulary increase well. It is therefore easy to understand then can go along with you, both in printed or e-book style are available. We propose you for having this kind of Handbook of Transportation Engineering instantly.

Christina Lazarus:

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