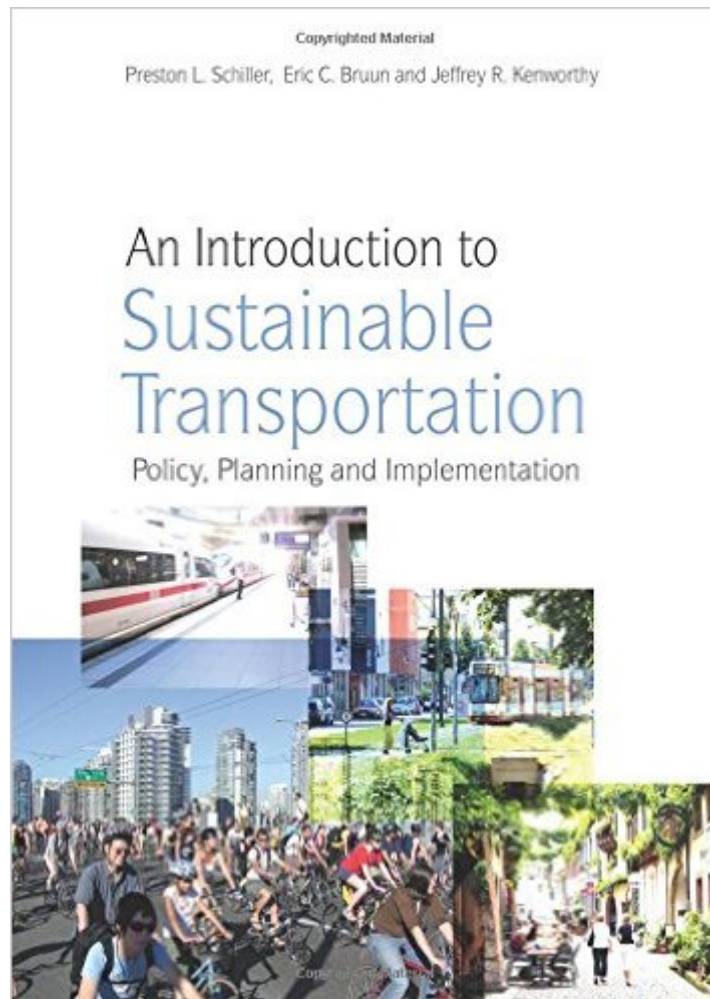# An Introduction To Sustainable Transportation: Policy, Planning And Implementation

Synopsis

Transportation plays a substantial role in the modern world; it provides tremendous benefits to society, but it also imposes significant economic, social and environmental costs. Sustainable transport planning requires integrating environmental, social, and economic factors in order to develop optimal solutions to our many pressing issues, especially carbon emissions and climate change. This essential multi-authored work reflects a new sustainable transportation planning paradigm. It explores the concepts of sustainable development and sustainable transportation, describes practical techniques for comprehensive evaluation, provides tools for multi-modal transport planning, and presents innovative mobility management solutions to transportation problems. This text reflects a fundamental change in transportation decision making. It focuses on accessibility rather than mobility, emphasizes the need to expand the range of options and impacts considered in analysis, and provides practical tools to allow planners, policy makers and the general public to determine the best solution to the transportation problems facing a community. Featuring extensive international examples and case-studies, textboxes, graphics, recommended reading and end of chapter questions, the authors draw on considerable teaching and researching experience to present an essential, ground-breaking and authoritative text on sustainable transport. Students of various disciplines, planners, policymakers and concerned citizens will find many of its provocative ideas and approaches of considerable value as they engage in the processes of understanding and changing transportation towards greater sustainability.

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Customer Reviews

An Introduction to Sustainable Transportation: Policy, Planning, and Implementation is authoritative and comprehensive. This book presents the historical context for urban and regional transportation planning, along with a compelling argument for reform of unsustainable, automobile-dependent transport policies. In a tour de force, An Introduction to Sustainable Transportation weaves an historical narrative together with economics, public policy, exemplary best practices, and the urgency of citizen participation into a scholarly call to action. This book is required reading for the undergraduate students in a class I teach on planning sustainable urban and regional transportation. Sophisticated, yet also accessible to a wide range of readers, including students, scholars, practitioners, and the general reader interested in this subject.

Great text book with a wide range of topics. However, it's not very in depth and it takes a one side perspective only.

The same old same old stuff written about transportation since the 1990's. Here are eight words I need to publish this review.

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