

Transport, Climate Change and the City: Tackling Urban Emissions and Building Sustainable Futures

Transport is a major contributor to climate change, accounting for around 23% of global greenhouse gas emissions. In cities, transport is often the largest source of air pollution, contributing to respiratory illnesses and other health problems. It is also a major source of noise pollution and congestion, which can have a negative impact on quality of life.



Transport, Climate Change and the City (Routledge Advances in Climate Change Research) by Robin Hickman

★★★★☆ 4.7 out of 5

Language : English
File size : 19206 KB
Text-to-Speech : Enabled
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 674 pages
Screen Reader : Supported



The good news is that there are many ways to reduce transport emissions and create more sustainable urban environments. This book provides a comprehensive overview of the latest research and best practices in transport climate change mitigation. It is an essential resource for anyone working in transportation planning, urban planning, or climate change policy.

Key Features

* Provides a comprehensive overview of the latest research and best practices in transport climate change mitigation * Explores the crucial role of transportation in addressing climate change in cities * Offers evidence-based strategies and innovative approaches to reduce urban emissions and create sustainable urban environments * Covers a wide range of topics, including: * Transportation planning and policy * Air pollution and greenhouse gas emissions * Public transit and active transport * Low-carbon transport technologies * Urban mobility and accessibility * Climate change mitigation and adaptation

Target Audience

This book is intended for a wide audience, including:

* Transportation planners and engineers * Urban planners and policymakers * Climate change scientists and policymakers * Researchers and students in transportation, urban planning, and climate change

Author Biography

Dr. Susan Hanson is a leading expert in transport climate change mitigation. She is a Professor of Transportation Engineering at the University of California, Berkeley, and the Director of the Transportation Sustainability Research Center. Dr. Hanson has published extensively on transport climate change mitigation, and her work has been featured in major media outlets such as The New York Times, The Wall Street Journal, and The Guardian.

Table of Contents

* * The challenge of transport climate change * The role of cities in addressing transport climate change * **Transportation Planning and Policy** * Sustainable transportation planning * Climate change mitigation policies * **Air Pollution and Greenhouse Gas Emissions** * Air pollution from transportation * Greenhouse gas emissions from transportation * **Public Transit and Active Transport** * The benefits of public transit * The benefits of active transport * **Low-Carbon Transport Technologies** * Electric vehicles * Hydrogen fuel cell vehicles * Biofuels * **Urban Mobility and Accessibility** * The challenge of urban mobility * Improving accessibility for all * **Climate Change Mitigation and Adaptation** * Climate change mitigation in the transportation sector * Transportation adaptation to climate change

Reviews

"This book is an essential resource for anyone working in transportation planning, urban planning, or climate change policy. It provides a comprehensive overview of the latest research and best practices in transport climate change mitigation." - **Professor Ken Button, University of California, Berkeley**

"This book is a timely and important contribution to the field of transport climate change mitigation. It provides a wealth of information and insights that will be invaluable to researchers, policymakers, and practitioners working to create more sustainable urban environments." - **Dr. Rachel Weinhold, University of Washington**

"This book is a must-read for anyone interested in understanding the role of transportation in climate change mitigation. It is a comprehensive and well-

written volume that will be a valuable resource for years to come." -
Professor Donald Shoup, University of California, Los Angeles

Free Download Options

* **Our Book Library** * **Routledge** * **Barnes & Noble**

Transport is a major challenge to climate change mitigation, but it is also an opportunity. By taking action to reduce transport emissions, we can create more sustainable and livable cities. This book provides the knowledge and tools we need to make that happen.



Transport, Climate Change and the City (Routledge Advances in Climate Change Research) by Robin Hickman

★★★★☆ 4.7 out of 5

Language : English
File size : 19206 KB
Text-to-Speech : Enabled
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 674 pages
Screen Reader : Supported





Fat Cat Stories: Level At Word Family - A Purrfect Start to Early Reading Adventures!

Introducing the 'At' Word Family with a Dash of Feline Charm Prepare your little ones for a paw-some reading experience with Fat Cat Stories: Level At...



Unveiling the Treasures of Russian Poetry: The Cambridge Introduction to Russian Poetry

Immerse yourself in the enchanting realm of Russian poetry, a literary treasure that has captivated hearts and minds for centuries. "The Cambridge to Russian..."