

Transport, Climate Change, and the City: Routledge Advances in Climate Change



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

★★★★☆ 4.7 out of 5

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Transportation is a major contributor to climate change, accounting for about 23% of global greenhouse gas emissions. In cities, where the majority of the world's population lives, transportation emissions are even higher, due to the concentration of people and businesses in a relatively small area.

The impacts of climate change are already being felt in cities around the world, in the form of rising sea levels, more frequent and intense heat waves, and increased flooding. These impacts are expected to worsen in the future, and will have a significant impact on the health, safety, and well-being of urban residents.

In order to mitigate the impacts of climate change, it is essential to reduce transport-related emissions. This can be done through a variety of

measures, including:

- **Improving public transportation.** Public transportation is a more efficient way to move people than cars, and it produces lower emissions. By investing in public transportation, cities can encourage people to leave their cars at home and reduce traffic congestion.
- **Promoting walking and biking.** Walking and biking are healthy, sustainable ways to get around. By making cities more walkable and bikeable, cities can encourage people to reduce their reliance on cars.
- **Encouraging the use of electric vehicles.** Electric vehicles produce zero emissions, which makes them a more sustainable option than gasoline-powered vehicles. By providing incentives for the purchase of electric vehicles, cities can help to reduce transport-related emissions.
- **Implementing congestion pricing.** Congestion pricing is a system of charging drivers for using roads during peak hours. This can help to reduce traffic congestion and emissions.

Reducing transport-related emissions is a complex challenge, but it is essential for mitigating the impacts of climate change. By implementing a variety of measures, cities can help to reduce emissions and create a more sustainable future.

Challenges and Opportunities

There are a number of challenges to reducing transport-related emissions in cities. One challenge is the high cost of improving public transportation and walking and biking infrastructure. Another challenge is the resistance of some people to change their travel behavior.

However, there are also a number of opportunities for reducing transport-related emissions in cities. One opportunity is the growing popularity of electric vehicles. Another opportunity is the development of new technologies, such as autonomous vehicles and ride-sharing services, that could make it easier for people to get around without owning a car.

By taking advantage of these opportunities, cities can make significant progress in reducing transport-related emissions and mitigating the impacts of climate change.

Transport is a major contributor to climate change, but it is also a vital part of the urban economy. By investing in sustainable transportation solutions, cities can reduce emissions and create a more livable and sustainable future for their residents.



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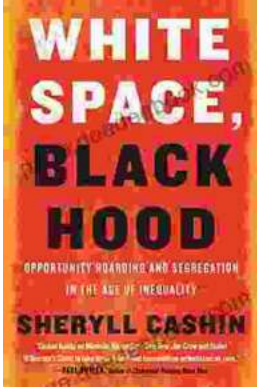
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