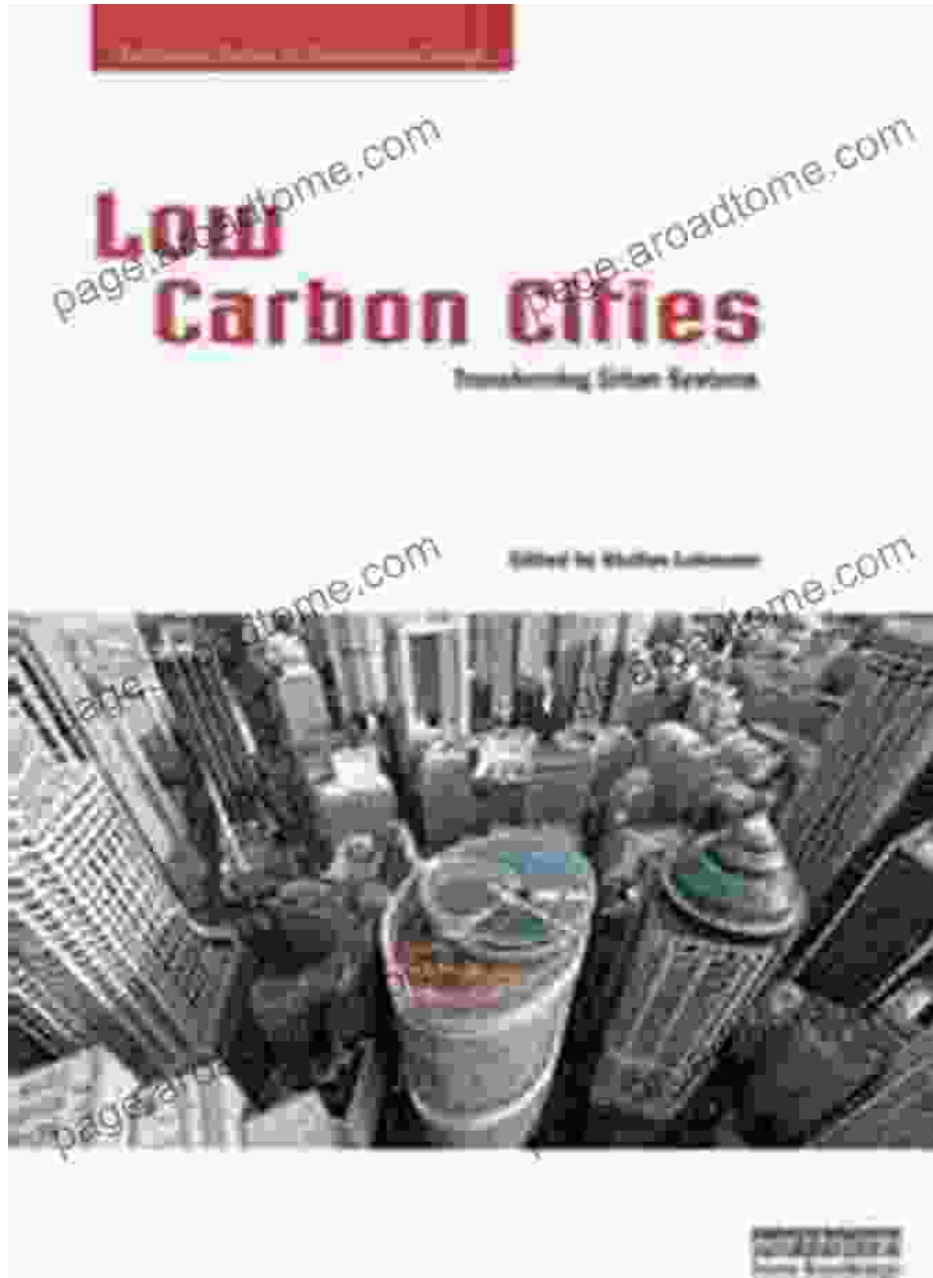


# Transforming Urban Systems: A Comprehensive Guide to Sustainable Design



## Low Carbon Cities: Transforming Urban Systems

(Earthscan Series on Sustainable Design) by Steffen Lehmann

★★★★★ 5 out of 5

Language : English



File size : 39108 KB  
Text-to-Speech : Enabled  
Enhanced typesetting : Enabled  
Print length : 773 pages



The world is facing a number of unprecedented challenges, including climate change, population growth, and urbanization. These challenges are putting a strain on our cities, which are often not designed to withstand the impacts of these changes.

***Transforming Urban Systems*** is a comprehensive guide to sustainable design principles and practices that can be used to create more resilient and sustainable cities. The book covers a wide range of topics, including:

- The principles of sustainable design
- The different types of sustainable design strategies
- Case studies of sustainable design projects from around the world
- The challenges and opportunities of sustainable design

***Transforming Urban Systems*** is an essential resource for anyone who is interested in creating more sustainable and resilient cities. The book is written in a clear and concise style, and it is packed with practical advice and case studies.

## What's Inside the Book?

***Transforming Urban Systems*** is divided into three parts.

## 1. **Part 1: The Principles of Sustainable Design**

This section provides an overview of the key principles of sustainable design. These principles include:

- The importance of systems thinking
- The need to consider the full life cycle of materials and products
- The importance of resilience
- The need for equity and social justice

## • **Part 2: The Different Types of Sustainable Design Strategies**

This section provides an overview of the different types of sustainable design strategies that can be used to create more sustainable cities. These strategies include:

- Green building practices
- Urban planning and design
- Transportation planning
- Water management strategies
- Energy efficiency measures

## • **Part 3: Case Studies of Sustainable Design Projects from Around the World**

This section provides case studies of sustainable design projects from around the world. These case studies illustrate how the principles of sustainable design can be applied to create more sustainable and resilient cities. The case studies include:

- The High Line in New York City
- The Beddington Zero Energy Development in the United Kingdom
- The Masdar City in the United Arab Emirates
- The Dongtan Eco-City in China

## **Why Read This Book?**

***Transforming Urban Systems*** is an essential resource for anyone who is interested in creating more sustainable and resilient cities. The book is written in a clear and concise style, and it is packed with practical advice and case studies.

This book can help you:

- Understand the principles of sustainable design
- Identify the different types of sustainable design strategies
- Apply the principles of sustainable design to your own work
- Create more sustainable and resilient cities

If you are interested in creating more sustainable and resilient cities, then ***Transforming Urban Systems*** is the book for you.

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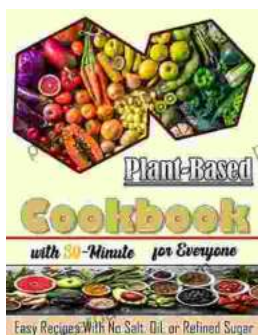


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