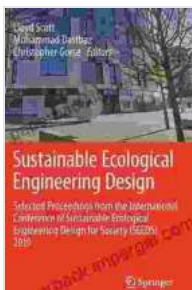


Climate Emergency: Managing Building and Delivering the Sustainable Development

The Challenge of Climate Change

The climate emergency is one of the most pressing issues facing our planet today. The built environment is a major contributor to climate change, accounting for approximately 40% of global greenhouse gas emissions. Buildings consume energy, water, and resources, and they generate waste. They also contribute to air and water pollution.



Climate Emergency – Managing, Building , and Delivering the Sustainable Development Goals: Selected Proceedings from the International Conference of Sustainable ... Engineering Design for Society (SEEDS) 2024

★★★★★ 5 out of 5

Language : English
File size : 42360 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 935 pages



Climate change is already having a significant impact on the built environment. We are seeing more extreme weather events, such as hurricanes, floods, and droughts. These events can damage buildings and infrastructure, and they can also displace people from their homes.

We need to take action to mitigate climate change and adapt to its impacts. The built environment is a key area where we can make a difference.

The Role of the Building Sector

The building sector has a critical role to play in addressing the climate emergency. We need to design, construct, and operate buildings in a way that minimizes their environmental impact.

There are a number of ways that we can do this. We can use energy-efficient appliances and lighting, we can install renewable energy systems, and we can use sustainable building materials. We can also design buildings that are resilient to extreme weather events.

The building sector also has a role to play in adapting to the impacts of climate change. We need to retrofit existing buildings to make them more energy-efficient and resilient. We also need to plan for the future and design new buildings that are adapted to the changing climate.

The Way Forward

The climate emergency is a serious challenge, but it is one that we can overcome. We need to work together to design, construct, and operate buildings in a way that minimizes their environmental impact. We also need to adapt to the impacts of climate change and plan for the future.

The building sector has a critical role to play in addressing the climate emergency. By working together, we can create a sustainable built environment that will benefit generations to come.

About the Book

This book provides a comprehensive overview of the climate emergency and its implications for the built environment. It examines the challenges and opportunities of adapting and mitigating climate change in the building sector.

The book is divided into three parts.

- **Part 1** provides an overview of the climate emergency and its impacts on the built environment.
- **Part 2** examines the challenges and opportunities of adapting and mitigating climate change in the building sector.
- **Part 3** presents case studies of sustainable building projects from around the world.

This book is an essential resource for anyone who is interested in the climate emergency and its implications for the built environment. It is a valuable tool for architects, engineers, planners, developers, and policymakers.

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To Free Download your copy of **Climate Emergency: Managing Building and Delivering the Sustainable Development**, please visit our website or your local bookstore.

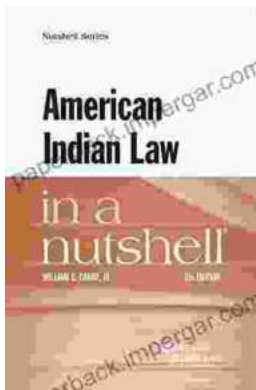


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