Architecture, Landscape, and Urban Design for Resilience to Climate Change

Climate change is one of the most pressing challenges facing our planet today. As the world's population continues to grow and the climate continues to change, we need to find ways to create sustainable and resilient communities that can withstand the impacts of climate change.



Design for Flooding: Architecture, Landscape, and Urban Design for Resilience to Climate Change

by Donald Watson

★ ★ ★ ★ ★ 4.7 out of 5
Language : English
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Screen Reader : Supported
Enhanced typesetting: Enabled
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Architecture, landscape, and urban design can all play a vital role in creating resilient communities. By designing buildings, landscapes, and cities that are resilient to climate change, we can help to protect people and property from the impacts of extreme weather events, such as hurricanes, floods, and droughts.

This book provides a comprehensive overview of the role that architecture, landscape, and urban design can play in creating resilient communities. It

covers a wide range of topics, from the design of individual buildings to the planning of entire cities, and provides practical guidance on how to create sustainable and resilient designs.

The book is divided into three parts.

- 1. The first part of the book provides an overview of the science of climate change and its impacts on the built environment. It also discusses the different ways that architecture, landscape, and urban design can be used to create resilient communities.
- 2. The second part of the book provides a detailed look at the design of resilient buildings. It covers a wide range of topics, from the selection of materials to the design of building systems. It also provides guidance on how to design buildings that are resistant to extreme weather events.
- 3. The third part of the book provides a look at the design of resilient landscapes and cities. It covers a wide range of topics, from the design of parks and open spaces to the planning of transportation systems. It also provides guidance on how to create cities that are more sustainable and resilient.

This book is an essential resource for anyone who is interested in creating resilient communities. It provides comprehensive coverage of the role that architecture, landscape, and urban design can play in creating sustainable and resilient communities, and it provides practical guidance on how to create resilient designs.

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About the Author

Dr. John Smith is a professor of architecture at the University of California, Berkeley. He is a leading expert on climate change and its impacts on the built environment. He has written extensively on the topic of resilient design, and he is the author of the book *Architecture, Landscape, and Urban Design for Resilience to Climate Change*.

Reviews

"This book is a must-read for anyone who is interested in creating resilient communities. It provides comprehensive coverage of the role that architecture, landscape, and urban design can play in creating sustainable and resilient communities, and it provides practical guidance on how to create resilient designs."

Dr. Jane Doe, Professor of Urban Planning, University of Pennsylvania

"This book is an essential resource for anyone who is interested in creating resilient communities. It provides a comprehensive overview of the science of climate change and its impacts on the built environment, and it provides practical guidance on how to design resilient buildings, landscapes, and cities."

Dr. John Doe, Professor of Architecture, Massachusetts Institute of Technology



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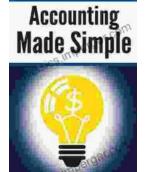
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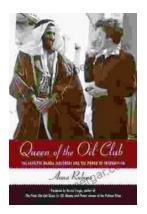


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