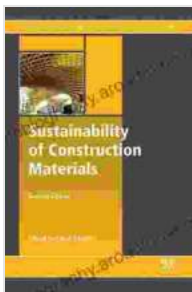


Sustainability of Construction Materials: A Comprehensive Guide from Woodhead Publishing

In the face of growing environmental concerns and the urgent need for sustainable practices, the construction industry is witnessing a paradigm shift.



Sustainability of Construction Materials (Woodhead Publishing Series in Civil and Structural Engineering)

★★★★★ 5 out of 5

Language	: English
File size	: 13028 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Word Wise	: Enabled
Print length	: 304 pages



Recognizing the pivotal role of construction materials in shaping the sustainability of built environments, Woodhead Publishing presents a groundbreaking guide that unravels the complex world of sustainable construction materials.

A Holistic Approach to Sustainability

This comprehensive volume takes a holistic approach, encompassing the entire life cycle of construction materials, from raw material extraction to end-of-life disposal.

Through rigorous research and expert insights, it explores the environmental, economic, and social implications of various construction materials, empowering professionals to make informed decisions and adopt sustainable practices.

Cutting-Edge Research and Industry Best Practices

The book draws upon the latest research findings and industry best practices to provide a comprehensive overview of sustainable construction materials, including:

- Life cycle assessment (LCA) and environmental impact assessment (EIA)
- Innovative materials such as bio-based composites, recycled aggregates, and geopolymers
- Sustainable material selection for LEED and other green building certifications
- Case studies of sustainable construction projects
- Future trends and emerging technologies

Invaluable Resource for Professionals

This guide is an indispensable resource for professionals involved in the design, construction, and maintenance of sustainable buildings, including:

- Architects
- Engineers
- Contractors

- Materials scientists
- Environmental consultants
- Policymakers

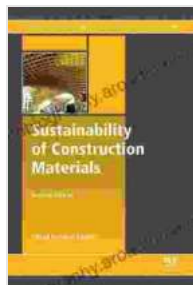
Key Features

- In-depth analysis of sustainability criteria for construction materials
- Detailed case studies showcasing successful implementations of sustainable materials
- Exploration of emerging trends and innovative materials
- Practical guidance for material selection and sustainable design

Driving Sustainable Infrastructure

By embracing the principles outlined in this guide, the construction industry can play a pivotal role in mitigating its environmental impact and driving the development of sustainable infrastructure that meets the needs of present and future generations.

Free Download your copy of "Sustainability of Construction Materials" from Woodhead Publishing today and unlock the key to building a more sustainable and resilient future.

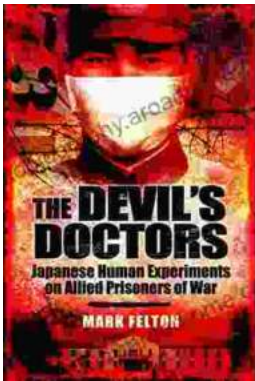


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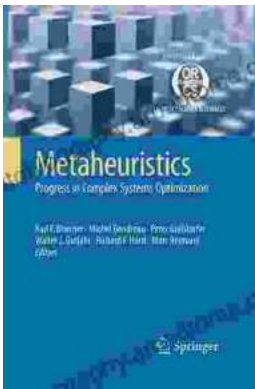
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