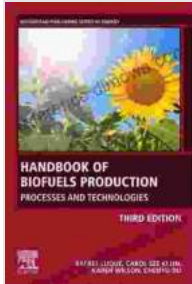


Processes and Technologies for a Sustainable Future: Woodhead Publishing Series in Energy No. 15



Handbook of Biofuels Production: Processes and Technologies (Woodhead Publishing Series in Energy 15) by Abhishek Rai

★★★★☆ 4.4 out of 5

Language	: English
File size	: 18076 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 684 pages
Hardcover	: 234 pages
Item Weight	: 1.19 pounds
Dimensions	: 6.85 x 9.69 inches



The global energy landscape is changing rapidly, with the increasing adoption of renewable energy sources and the declining use of fossil fuels. This transition is driven by a number of factors, including the need to address climate change, the desire to reduce dependence on foreign oil, and the increasing availability of affordable renewable energy technologies.

The transition to a sustainable energy future will require a wide range of new and innovative processes and technologies. These technologies will need to be able to generate, store, and transmit energy in a clean, efficient,

and affordable manner. They will also need to be able to mitigate the environmental impacts of energy production and use.

This book provides a comprehensive overview of the latest processes and technologies for a sustainable energy future. It covers a wide range of topics, including:

- Renewable energy sources, such as solar, wind, and geothermal
- Energy storage technologies, such as batteries and fuel cells
- Energy efficiency technologies, such as smart grids and energy-efficient buildings
- Carbon capture and storage technologies

This book is a valuable resource for anyone who is interested in learning about the latest advances in sustainable energy technologies. It is also a must-read for policymakers, energy industry professionals, and anyone else who is involved in the planning and implementation of a sustainable energy future.

Key Features

- Comprehensive coverage of the latest processes and technologies for a sustainable energy future
- Written by leading experts in the field
- Provides a valuable resource for anyone who is interested in learning about the latest advances in sustainable energy technologies
- A must-read for policymakers, energy industry professionals, and anyone else who is involved in the planning and implementation of a

sustainable energy future

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3. Energy Storage Technologies
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Author Biographies

Dr. David A. Wood is a Professor of Chemical Engineering at the University of California, Berkeley. He is the author of over 200 publications in the field of sustainable energy. He is also the editor of the Woodhead Publishing Series in Energy.

Dr. Mark A. Keane is a Professor of Mechanical Engineering at the University of Wisconsin-Madison. He is the author of over 100 publications in the field of sustainable energy. He is also the editor of the Woodhead Publishing Series in Engineering.

Reviews

“This book is a valuable resource for anyone who is interested in learning about the latest advances in sustainable energy technologies.”

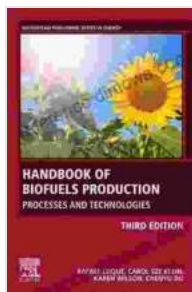
—**Dr. Daniel M. Kammen, Professor of Energy and Resources,
University of California, Berkeley**

“This book is a must-read for policymakers, energy industry professionals, and anyone else who is involved in the planning and implementation of a sustainable energy future.”

—Dr. Michael B. McElroy, Senior Fellow, Harvard University Center for the Environment

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