

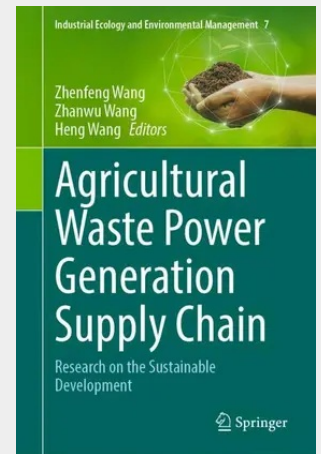
Agricultural Waste Power Generation Supply Chain

Research on the Sustainable Development

This book, titled "Research on the Sustainable Development of Agricultural Waste Power Generation Supply Chain," focuses on examining contemporary trends, challenges, and the significance of sustainable development in the management and energy generation from agricultural waste. The aims and scope of this work are outlined as follows:

1. Promoting the resourceful utilization of agricultural waste. The book seeks to facilitate the transition of agricultural waste from being perceived merely as "waste" to valuable resources by conducting comprehensive research into its energy utilization technologies, thereby enhancing both its economic value and social benefits.
2. Strengthening supply chain construction and management: This volume investigates the construction and management aspects of the supply chain related to agricultural waste collection, storage, transportation, pre-processing, transformation, and product sales. It includes optimization strategies for supply chain nodes, reduction in logistics costs, identification and mitigation of supply chain risks, selection of supply nodes, optimization of supply networks, coordination within the supply chain framework, and model selection for effective supply chains.
3. Providing theoretical support and decision-making foundations: This book compiles successful case studies and advanced practices regarding agricultural waste power generation utilization both domestically and internationally; it analyzes existing problems and challenges while offering theoretical support along with decision-making frameworks for governments, enterprises, and research institutions.
4. Evaluating sustainable development: The text establishes a comprehensive evaluation index system aimed at assessing sustainability within the agricultural waste power supply chain across multiple dimensions—economic viability, environmental impact—and societal implications while proposing improvement measures alongside optimization recommendations.
5. Enhancing public awareness: This publication aims to elevate public understanding regarding agricultural waste power generation while fostering greater awareness about environmental protection initiatives as well as sustainable development principles.

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