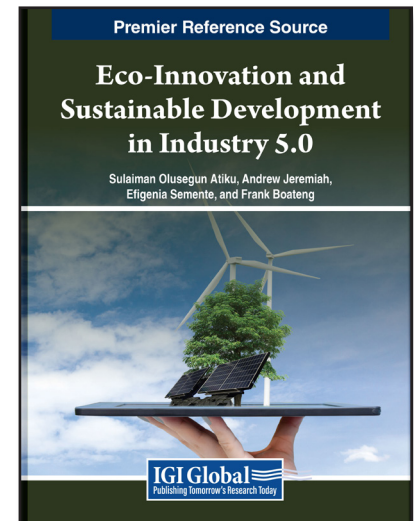


Eco-Innovation and Sustainable Development in Industry 5.0

Part of the Advances in Logistics, Operations, and Management Science Book Series

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Description:

In the era of Industry 5.0, the world faces a critical juncture where technological advancement collides with escalating socio-environmental challenges. Climate change, energy consumption, and threats to public health are exacerbated by the rapid embrace of Industry 4.0 technologies. As businesses pursue efficiency, the compromise on human and social sustainability becomes inevitable. The need for a holistic approach to sustainable development is urgent, where economic growth aligns seamlessly with environmental, social, and human well-being.

Eco-Innovation and Sustainable Development in Industry 5.0 serves as a guide in the pursuit of sustainable development within Industry 5.0. This book dissects the intricate challenges posed by socio-environmental issues and seamlessly offers a multidisciplinary approach to achieving sustainable development goals. The detrimental impact of Industry 4.0 on sustainable development necessitates the paradigm shift proposed within the book. Economic pursuits can no longer overshadow the crucial pillars of human, social, and environmental sustainability. The delicate balance required for a sustainable future is at risk, demanding a multidisciplinary approach to reconcile these seemingly conflicting objectives. This book is a call to action, to bridge the knowledge gap and provide tangible solutions for achieving sustainability in Industry 5.0.

Aligned with the United Nations Sustainable Development Goals, the book unravels pathways for economic, social, and environmental sustainability while preserving human-centric values in a sustainable economy. It stands as a guide for scholars, researchers, practitioners, and institutions, driving a paradigm shift towards responsible business solutions in Industry 5.0.

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