Intelligent Solutions for Optimizing Agriculture and Tackling Climate Change: Current and Future Dimensions

Part of the Advances in Environmental Engineering and Green Technologies Book Series

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Premier Reference Source

Intelligent Solutions for Optimizing Agriculture and Tackling Climate Change
Current and Future Dimensions

Ahmed Karmaoui

Description:

The interactions between climate change, agriculture, and technology are of increasing concern to academicians, educators, and planners. After the publication of the first report of the Intergovernmental Panel on Climate Change (IPCC), studies of the impact of climate change on productive systems such as agriculture have multiplied. The best solution can be found in new technologies and tools.

Intelligent Solutions for Optimizing Agriculture and Tackling Climate Change: Current and Future Dimensions explores the importance of artificial intelligence and its effects on the future of agriculture. It further highlights the opportunities and challenges of artificial intelligence in the agricultural field. Covering topics such as agroforestry, farming productivity, and population projections, this premier reference source is an indispensable resource for climate scientists, agricultural scientists, policymakers, computer scientists, engineers, students and educators of higher education, libraries, researchers, and academicians.
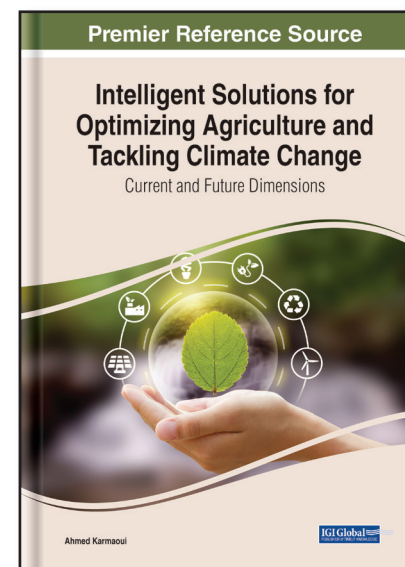
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Hardcover: $215.00 **Softcover: $165.00** **E-Book: $215.00** **Hardcover + E-Book: $260.00**

Topics Covered:

- Agribusiness Recovery
- Agroforestry
- Artificial Intelligence
- Carbon Balance
- Climate Change Mitigation
- Farming Productivity
- Geospatial Analysis
- Global Warming
- Machine Learning Tools
- Population Projections

Subject: Environmental, Agricultural, and Physical Sciences

Classification: Edited Reference

Readership Level: Advanced-Academic Level (Research Recommended)

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

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