

Artificial Intelligence and IoT-Based Technologies for Sustainable Farming and Smart Agriculture

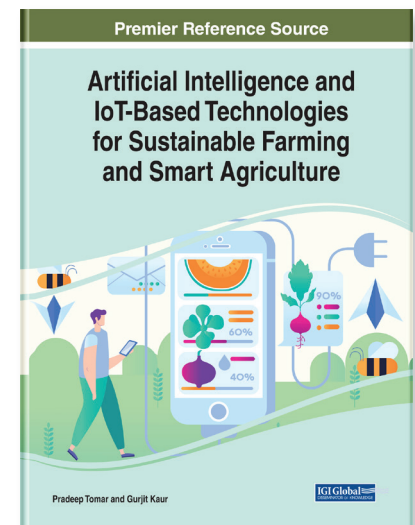
Part of the Advances in Environmental Engineering and Green Technologies Book Series

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Description:

As technology continues to saturate modern society, agriculture has started to adopt digital computing and data-driven innovations. This emergence of “smart” farming has led to various advancements in the field, including autonomous equipment and the collection of climate, livestock, and plant data. As connectivity and data management continue to revolutionize the farming industry, empirical research is a necessity for understanding these technological developments.

Artificial Intelligence and IoT-Based Technologies for Sustainable Farming and Smart Agriculture provides emerging research exploring the theoretical and practical aspects of critical technological solutions within the farming industry. Featuring coverage on a broad range of topics such as crop monitoring, precision livestock farming, and agronomic data processing, this book is ideally designed for farmers, agriculturalists, product managers, farm holders, manufacturers, equipment suppliers, industrialists, governmental professionals, researchers, academicians, and students seeking current research on technological applications within agriculture and farming.



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Topics Covered:

- Agriculture Digitalization
- Agronomic Data Processing
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- Data Acquisition
- Farming Automation
- Nitrate Sensing
- Plant Science
- Precision Livestock Farming

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