Innovations and Trends in Environmental and Agricultural Informatics

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

Petraq Papajorgji (University of New York Tirana, Albania) and Francois Pinet (Irstea Centre de Clermont-Ferrand, France)

Description:
In recent years, the role of information and communications technologies in the development of agriculture and environmental issues has received significant attention in different types of international forums. With new technologies constantly developing, there is a need for research dedicated to technological progress.

Innovations and Trends in Environmental and Agricultural Informatics provides emerging research on the design, development, and implementation of complex agricultural and environmental information systems, addressing the integration of several scientific domains including agronomy, mathematics, economics, and computer science. While highlighting topics such as image quality assessment, environmental policy, and supervised classification, this publication explores the applications and progress of various technologies within agricultural and environmental professions. This book is an important resource for researchers, professionals, academics, students, and scientists seeking current research on the rapidly evolving field of technology integration in agricultural production and environmental issues.


Topics Covered:
- Artificial Neural Networks
- Data Envelopment Analysis
- Environmental Policy
- Image Quality Assessment
- Information Integration
- Mental Informatics
- Relational Databases
- Spatial Vagueness
- Supervised Classification
- Sustainable Agriculture

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