Springer

CALL FOR BOOK CHAPTERS

BOOK SERIES TITLE: Studies in Big Data "Springer"

BOOK TITLE: Internet of Things and Analytics for Agriculture (Volume 3)
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INDEXING: Indexed by zbMATH.
All books published in the series are submitted for consideration in Web of Science.

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Scope of the Book:

This Edited book aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of Wireless IoT and Analytics for Agriculture. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of IoT and Analytics for Agriculture.

Table of Contents

- IoT: Foundations and Applications
- Functional Framework for IoT-based agricultural system
- Field monitoring and automation system
- Agriculture Sensor Network: Infrastructure, protocols and standards
- Implementation of sensors and RFID for disease and pest control
- Sensor-based Precision agriculture, Sensor data acquisition
- Smart monitoring for irrigation and water level retention
- Expert systems for soil management: Ph Control, Moisture content.
- AI-based yield prediction and smart Irrigation.
- Device-agnostic data importation in IoT-agro system
- Sustainable farming system: tools and resources
- In-field weather support system: online weather data monitoring, AI-based emergency alert system.
- Remote Monitoring and predictive analysis system: Crop monitoring, Livestock monitoring
- Efficiency and reliability in IoT-agricultural domain
- Economic and Social impacts over IoT-agro system
- Intelligent Agr0-Food chain system
- Energy-preserving protocols in IoT-enabled agricultural system.
- Data Analysis and prediction using Big data Analytics
- Data acquisition security and Privacy in IoT-enabled agriculture
- Case Studies and Applications in IoT based agriculture system.

Important Dates:

Proposal Submission Deadline: **February 28, 2021**
Full Chapter Submission: **May 31, 2021**

Easychair link:

https://easychair.org/conferences/?conf=iot-agriculture-vol-