IoT-Based Systems for Smart and Sustainable Agriculture

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Message from the Guest Editors

Dear Colleagues,

The last few decades have witnessed the advancement of the Internet of Things (IoT) and multiple wireless sensor networks (WSNs), in both the academic and industrial worlds.

This Special Issue calls for reports on high quality, up-to-date innovative original current advances in solutions and research for smart and sustainable agriculture, ranging from IoT, WSN, efficient sensing, cloud/edge computing, smart actuators, etc.

Some topics of interest include but are not limited to:

- Data-aware networking in smart agriculture;
- Sensor network deployment for smart agriculture;
- Cloud computing for smart agriculture;
- Edge computing for smart agriculture;
- Cyberphysical systems (CPS) for smart agriculture;
- Internet of Things (IoT) for smart agriculture;
- Farm services and oriented applications for agri-food systems;
- Modeling and metrics for sensing in smart agriculture;
- Implementation and prototypes of WSN agriculture showcases;
- Data security by user authentication and data encryption;
- Security by design philosophy in agriculture;
- Cost-effective sensor development for smart agriculture

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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