



## IoT-Based Systems for Smart and Sustainable Agriculture

Guest Editors:

**Prof. Dr. Gianluigi Ferrari**

**Dr. Luca Davoli**

**Dr. Roberto Fresco**

**Dr. Baran Çürüklü**

**Prof. Dr. José-Fernán  
Martínez-Ortega**

**DI(FH) Erwin Kristen**

Deadline for manuscript  
submissions:

**closed (31 October 2019)**

### 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





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### **Prof. Dr. Vittorio M. N. Passaro**

Dipartimento di Ingegneria  
Elettrica e dell'Informazione  
(Department of Electrical and  
Information Engineering),  
Politecnico di Bari, Via Edoardo  
Orabona n. 4, 70125 Bari, Italy

## Message from the Editor-in-Chief

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*Sensors* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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