

# Special Issue

## IoT for Smart Agriculture

### Message from the Guest Editors

This Special Issue aims to gather contributions in the form of original research papers and a limited number of reviews exploring developments and advancements in the “IoT for Smart Agriculture”. This includes the optimization of any of the wireless sensing devices’ design aspects (design for hostile external agricultural environments, innovation in hardware, software and firmware, robustness and reliability, EDGE computing integration, integration of AI for in-situ analytics, energy autonomy, etc.), the networking of “Things” and services with an emphasis on the application for the agricultural domain (i.e. communication protocols, cellular communications, context-aware middleware, cloud computing, etc.), and new smart agriculture applications according to Agriculture 4.0 (i.e., the combination of real-time data from the field and AI-based analytics to improve decision support operations, use of the concept of Digital Twins for modeling and control, use of a cyberphysical system approach to manage and exert control over diversity and complexity of physical systems in the agricultural domain, etc.).

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### Guest Editors

Dr. Dimitrios Piromalis  
Dr. Konstantinos G. Arvanitis  
Prof. Dr. Panagiotis Papageorgas

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### Deadline for manuscript submissions

closed (15 July 2023)



## Sensors

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## About the Journal

### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro  
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