

## Special Issue

# Intelligent and Autonomous Sensor System for Precision Agriculture

### Message from the Guest Editors

The greenhouse gas emissions from agriculture, livestock, and land use have increased globally. Additionally, the increase in the human population emphasizes the importance of a stable supply of agricultural products and food. Therefore, it is essential to simultaneously reduce greenhouse gas emissions while increasing the productivity of agricultural and food products. This Special Issue focuses on technologies in intelligent and autonomous sensor systems for smart precision agriculture that improve agricultural productivity while tilting the global environment toward realizing food security. This Special Issue will encompass a variety of related contributions from the keywords mentioned below.

- sensor system for precision farming
- sensor system for precision livestock farming
- sensor system for smart agricultural machinery

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### Guest Editors

Dr. Naoki Shiraishi

Dr. Michitaka Yamamoto

Prof. Dr. Toshihiro Itoh

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### Deadline for manuscript submissions

15 March 2026



## Electronics

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*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

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