

## Special Issue

# Low-Power Embedded Systems Design for Intelligent Monitoring

### Message from the Guest Editors

The primary aim of the Internet of Things is constant, continuous, and autonomous monitoring. Due to their large-scale deployability, such IoT sensors have been widely used in industries as well as public spaces. More recently, due to the reduction in the cost of components, sensors or edge devices have also been deployed for environmental monitoring. There has been an increase in computational capacity of low-power microprocessors that can be used to design such edge devices. This has enabled a wide range of edge computing tools that can perform intelligent monitoring with reduced power consumption. In some cases, such devices may involve Edge AI to make localized decisions, or in other cases, they may focus on efficient communication.

- Autonomous edge computing;
- Monitoring applications based on IoT;
- LPWAN or other communication mechanisms;
- Micro-controllers and corresponding embedded system designs;
- Sensors and low-power sensing mechanisms.

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### Guest Editors

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### Deadline for manuscript submissions

15 September 2025



## Electronics

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CiteScore 6.1



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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 guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

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