

Special Issue

Advanced Wireless Sensor Networks for Emerging Applications

Message from the Guest Editor

Wireless sensor networks (WSNs) and their applications have been extensively investigated. To date, studies of WSNs have mostly focused on theoretical and experimental aspects of networking performance while achieving typical goals of monitoring and collecting information in the target area. This nature of behavior of WSNs is essentially unchanged even with lately emerging applications such as smart cities, nanogrids, and autonomous vehicles.

This Special Issue is focused on techniques in the scientific or engineering field of advanced WSNs. Review articles on advanced WSNs as well as research articles on the state-of-the-art development of WSNs for emerging applications are considered for publication. Topics of interest for this Special Issue include but are not limited to architecture and communication/networking protocols of the IoT for smart cities, smart charging schemes for rechargeable WSNs, applications of WSNs for nanogrids, sensor fusion for autonomous vehicles, and deep learning techniques applied to WSNs for improved performance.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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