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Multimedia Sensor Networks for Intelligent Vision Monitoring Applications

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Message from the Guest Editors

Dear Colleagues,

Wireless multimedia sensor network (WMSNs) are able to store, process in real-time, correlate and fuse multimedia data originating from a variety of sources, and so they can be widely used in industrial surveillance, intelligent transport, logistics management, visual surveillance, telemedicine, structural health monitoring, emergency management, environmental monitoring and other hot research fields. WMSNs are also increasingly being deployed for surveillance and intelligent vision monitoring applications. This Special Issue aims to gather the latest research and development achievements in the field of Multimedia Sensor Networks for Intelligent Vision Monitoring Applications.

Topics of interest include, but are not limited to:

- Wireless Visual Surveillance;
- Multimedia Sensor Networks;
- Multimedia Signal Processing;
- Multi-Sensor-Oriented Multimedia GIS for Disaster Management;
- QoS in Wireless Multimedia Sensor Networks;
- Wireless Edge Computing Theory and Applications in WMSNs;
- Cybersecurity and Blockchain Theory and Applications in WMSNs;
- Virtual Reality and Metaverse Theory and Applications in WMSNs.



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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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