International Journal of Advanced Smart Sensor Network Systems (IJASSN)

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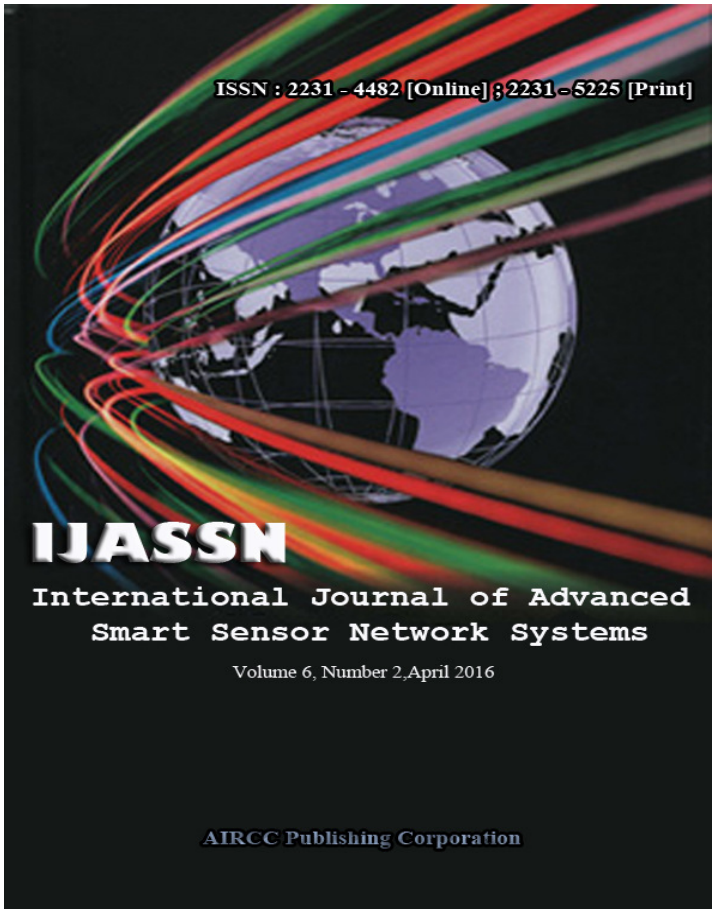

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SCOPE OF THE JOURNAL

With the availability of low cost, short range sensor technology along with advances in wireless networking, sensor networks has become a hot topic of discussion. The International Journal of Advanced Smart Sensor Network Systems Systems is an open access peer-reviewed journal which focuses on applied research and applications of sensor networks. While sensor networks provide ample opportunities to provide various services, its effective deployment in large scale is still challenging due to various factors. This journal provides a forum that impacts the development of high performance computing solutions to problems arising due to the complexities of sensor network systems. It also acts as a path to exchange novel ideas about impacts of sensor networks research.

Topics of interest include but are not limited to:

- Energy-aware sensor network topology control
- Architecture, Algorithms and Complexity Issues
- Sensor Network Tasking and Self-Organization
- Architectures for Sensor Networks
- Performance Evaluation of Sensor Networks
- Theoretical Bounds and Optimization of Sensor Networks
- Underwater and Underground Sensor Networks
- Information Fusion Methods
- Classification Methods
- Performance analysis
- Sensor mobility and task Coordination
- Security, privacy, and data integrity
- Networking / Caching Issues in Sensor Networks
- Managing Resource Constraints
- In-Network Query Processing and Data Storage
- Energy efficient protocols (PHY, MAC, routing, application)
- Lightweight protocols
- Fault tolerance and diagnostics
- Foundations
- Data storage and query processing
- Learning of models from Sensor networks
- Localization and Synchronization in Sensor Networks
- Cooperative Signal Algorithms for Sensor Networks
- Applications in Biology, Manufacturing, Medical Science and Engineering

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All manuscripts will be subject to a well established, fair, unbiased peer review and refereeing procedure, and are considered on the basis of their significance, novelty and usefulness to the Journals readership. The reviewing structure will always ensure the anonymity of the referees & it will be reviewed by 3 experts in the field. The review output will be one of the following decisions:

1. Accept
2. Accept with minor changes
3. weak Accept with major changes
4. Reject

The review process may take approximately two ~three months to be completed. The Editor reserves the right to reject a paper if it does not meet the aims and scope of the journal, it is not revised well

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