



Advances in Environmental Sensor Networks

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Environmental sensing has been a highly compelling application driver for wireless sensor networks since the formation of the field. The lack of continuous energy supplies, dynamic radio environments and significant scientific interest for measurements derived from large-scale, high temporal and spatial resolution deployments, has made this a rich area of research. Despite the progress in the field over the past decade however, many research challenges still remain unsolved ranging from reliable network protocols, adaptive energy management and energy harvesting, through to improved methods for sensor calibration, anomaly detection and multimedia networks. This special issue will present recent research in a range of these areas, and help bring to light some of the key research issues which remain to be solved in order to make wide-spread environmental sensing a reality.

Dr. Tim Wark
Guest Editor





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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