Abstract

Nowadays Wireless sensor networks (WSNs) being applied in many different civilian applications like vehicle tracking, habitat monitoring, forest surveillance, earthquake observation, biomedical or health care requests and building surveillance. To a large extent the efficiency of WSNs depends on the coverage provided by the deployment scheme. Different deployment demands and optimization goals are required in different environment. This study keep focus on coverage, connectivity and energy efficiency which have great impact on the performance of WSNs. Node deployment is a fundamental problem to be solved in WSNs. An appropriate node deployment scheme can reduce the issues in WSNs. Further it can extend the lifetime of WSNs by minimizing energy consumption. This paper investigated some deployment schemes, analysed and identifying their requirement.

References

1. Zhang, Haitao, and Cuiping Liu. "A review on node deployment of wireless sensor
Deployment Scheme in Wireless Sensor Network: A Review


Index Terms
Keywords

Challenges in WSN, Node deployment, Energy efficiency, BS.