Abstract

In this research paper, we have implement wireless sensor networks using NS2. The networks implemented are named flat and hierarchical network. We have presented an evaluation and comparison of two routing protocols flooding and gossiping. These protocols suffer from issues related to reliability and delay information. The flooding protocol has a problem of implosion and overlap while the gossip protocol comes into existence to overcome these problems. We
have also implemented the clusters in the flat and hierarchical networks. The clusters are used to improve the performance of the networks. While working for this research work, the main consideration is on the performance of two networks having different structures.

References

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Index Terms
Keywords
Flat Wsn  Hierarchical Wsn  Multihop Protocol  Gossiping Protocol  Distance Clustering

Pattern Clustering
Packet Loss
Packet Delay
Throughput