Abstract

Wireless sensor networks (WSNs) incorporate sensor nodes. These networks have gigantic application in habitat monitoring, disaster management, protection and military, etc. Wireless sensor nodes are very small in measurement and have limited processing ability very low battery power. This restriction of low battery power makes the sensor network susceptible to failure. Data aggregation could be very imperative process in WSNs. Data aggregation is new method for energy consumption in WSN. This paper is expending greedy approach and ant colony optimization technique in Data aggregation.

References

2. Bhaskar Krishnamachari, Deborah Estrin and Stephen Wicker, “The Impact of Data


6. Imane Horiya Brahmi, SoufieneDjahel, Damien Magoni z and John Murphy “A Spatial Correlation Aware Scheme for Efficient Data Aggregation in Wireless Sensor Networks” LCN 2015, Clearwater Beach, Florida, USA.


Index Terms

Computer Science Wireless

Keywords

WSNs, Data Aggregation, Greedy Algorithm, Ant Colony Optimization (ACO)