Abstract

In wireless sensor network the Energy Efficient Coverage (EEC) is been a major and important challenge, because sensors work with minimal battery resource in a remote location and it is unfair to change or charge the batteries. An Efficient technique must be implemented as a solution of EEC problem in WSN and it can be achieved by appropriate selection of optimal algorithm. Active research study on EEC problem exposes innovative ideas and solution for coverage issues. This paper discusses different and distinct algorithms have been developed recently for an unstructured WSN to increase network life time and increase coverage among the sensor nodes.

References

- J. Yick, B. Mukherjee, "Wireless sensor network survey", The International
A Quantitative Analysis of Algorithms for Energy Efficient Coverage in WSN

- He, Jing; Ji, Shouling; Pan, Yi; Li, Yingshu, "Reliable and energy efficient target coverage for wireless sensor networks," Tsinghua Science and Technology, vol. 16, no. 5, pp. 464,474, Oct. 2011
- Fernán Pedraza and Andrés L. Medaglia, "Efficient Coverage Algorithms for Wireless Sensor Networks";

Index Terms

Computer Science

Wireless
Keywords


TPACO algorithm

ACO

ACB-SA algorithm

optimal lifetime enhancement