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.

- 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

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