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Abstract

Wireless device networks have vividly been used in various different applications in contemporary days. The main problem with the WSN is duration of the shells/ batteries applicable to many situations. In order to overcome from this issue, very important aspect is to increase the duration of the battery therefore an additional energy stream is required. Energy from the surrounding is one of the God gift. The power from the surroundings makes the device points to backup power on its own, which approximately gives infinite duration. So in this paper we make use of a mobile collector nothing but a Sencar. It put the energy from all the points in the network. On surveying with randomized routing protocol it had lot of energy wastage. More or less to come out of the problem they are introducing broadcasting routing protocol. This protocol including the sencar and anchor based routing. At last the comparing of both the protocols ie the randomized and the broadcasting routing protocols with certain parameters like Alive points, dead points, throughput energy etc. On Comparision broadcasting routing is best when compared to the other.

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Index Terms

Computer Science Algorithms

Keywords

Energy Harvesting, Wireless sensor network, Data gathering, Residual Energy, Ad-hoc networks.