Abstract

Current advances in wireless sensor networks (WSNs) have led to various routing protocols specifically designed for sensor networks where power consumption is an important concern. Sensor Nodes (SNs) in WSNs limited in terms of computing power, transmission range and energy as they are battery operated. When these SNs are deployed in hostile environment where reach-ability is not possible they can not be recharge so, protocols in WSNs should be developed keeping in view the energy consumption. Routing protocols for wireless sensor network are responsible for maintaining the routes in the network and have ensured reliable multi-hop communication. This paper discussed some energy-efficient routing protocols in WSNs.

References


**Index Terms**

Computer Science | Wireless
Keywords