Abstract

Wireless sensor network gaining popularity due to its three most efficient features such as it can be access from anywhere, anytime and any person and have increased enormously in modern time due to development in Micro-Electro-Mechanical Systems (MEMS) technology. Due to these technical improvements in wireless communication it offers less cost, sensor nodes and less power in wireless sensor network. The major issue of such network is routing in network layer because the radio transmission and reception consumes more power and energy. The energy saving becomes great deal nowadays because sensor nodes are battery operated device and its life time can be expanded by minimizing the energy consumption at each and energy layer of the network during the transmission. So the selection of routing mechanism is very important for the delivery of packets. Lots of work has been done to enhance the battery life time and minimizing the energy consumption. In this paper, a literature about the energy efficient routing in wireless sensor network introduced and different energy efficient routing techniques with their merits and demerits.
References


17. Jia Xu, Ning Jin, Xizhong Lou, Ting Peng, Qian Zhou, Yanmin Chen “Improvement of LEACH protocol for WSN”, 2012, IEEE.


**Index Terms**

Computer Science Wireless

**Keywords**