Abstract

In Wireless Sensor Network (WSN) the sensor nodes are very much sensitive to the energy consumption. The success of the wireless sensor network applications highly depends on the reliable communication among the sensor nodes. One of the major problems in WSN environments is the limitation of the physical resource that is energy resources. More energy is consumed in transmission of data from sensor nodes to the destination that is the base node. Due to change in environmental conditions and energy available with nodes there may be change in network structure; therefore dynamic clustering is essential. Apart from existing protocol, improved protocols are needed so that energy consumption can be reduced and...
overall performance can be improved. This paper considers various protocols for energy efficient data gathering in WSN. The performance of WSN with respect to various parameters is studied.

References


Index Terms

Computer Science

Engineering and Technology

Keywords
Wireless sensor network  dynamic clustering  cluster head  energy efficiency  routing