Abstract

Wireless Sensor Network (WSN) is an emerging technology. It is predicted that in future, WSN will change the human life totally. Energy optimization in Wireless Sensor Network (WSN) is one of the challenging issue. Wireless Sensor Network composed of a set of tiny sensor nodes. The nodes are continuously sense and transmit the data. WSN have a wireless nature, due to this has a limited lifetime. So increase the lifetime of Wireless Sensor Network and Minimize energy cost in wireless sensor network are an important problem. To solve this problem clustering technique are always used, among the entire clustering technique grid based clustering is more efficient. Grid based clustering is more simple and feasible, and has so much advantage with respect to other clustering method. In this we proposed a grid based clustering algorithm for minimizing energy consumption, where clustering is formed depending upon the interest of nodes.

References


**Index Terms**

Computer Science Wireless

**Keywords**

Path Loss Distance Distribution