Abstract

Distributed Sensor Networks (DSNs) are an emerging technology, recently finding extensive application in scientific and military surveillance. DSNs operate under severe energy constraints and are largely characterized by short range a multi-hop data transmission, which drives the need for energy-efficient routing schemes in such networks. In this paper, the comparisons of Flat and Hierarchical protocols have been made with respect to Energy Dissipation for
transmission of data and also with and without security features for the routing protocols. The proposed model estimates the energy required for providing security features for the routing protocols.

Reference


Index Terms

Computer Science Wireless
Performance Analysis of Security in Flat and Hierarchical routing protocols for Distributed Sensor Networks

Key words

Security

Directed Diffusion

Routing Protocols

LEACH

ECC

Elgamal