Abstract

There is an increased interest in the use of wireless sensor networks (WSNs) for the past few years. Energy constraint is a critical problem to be considered. Clustering is introduced in WSNs because of its network scalability, energy-saving attributes and network topology stabilities. Generally clustering can be classified into three methodologies-Centralized clustering, Distributed clustering, Hybrid clustering. Clustering is becoming an active branch of routing technology in WSNs. This paper presents a comprehensive and fine grained survey on various clustering schemes in WSN. A few prominent WSN clustering routing protocols are analyzed and compared these different approaches based on our taxonomy and several
significant metrics.

References


Index Terms

| Computer Science | Wireless |

Keywords

| Clustering | Clusterhead Energy Efficiency | Wireless Sensor Network |