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