Abstract

Wireless sensor network (WSN) is the prominent way as one of the auspicious domain. It is collection of motes that are equipped with wireless interfaces, small scalable having sensing capabilities. These sensors have restricted processing and computing resources. The main concern of this research work is to provide a brief idea of recent proposed algorithms by applying optimization technique using genetic algorithm is described after contemplating on their communication architecture, various applications, challenges, routing protocols and clustering particularly designed for efficient energy consumption and frame stable network.

References

Vol.1, No.2, November 2010.

Index Terms

Computer Science Wireless
Keywords

Genetic algorithm; energy efficient clustering protocols; throughput; lifespan; routing protocols