Abstract

A wireless sensor network (WSN) is used to monitor the environmental condition. There consist of N number of sensor nodes which are connected to each other and they are clustered in to different groups. There have a cluster head (CH) which is used to manage the cluster members (CM). when the sensor node is active, energy will be reduced vitally in order to increase the life time of the sensor node different application has be implemented . In this method Energy consumption will been reduced by implementing leach-c protocol and LZW compression technique so the lifetime of the sensor node is increased.

References

- W. Heinzelman, A. Sinha, A. Wang, A. Chandrakasan. &quot;Energy-Scalable Algorithms and Protocols for WirelessMicrosensor Networks&quot;; In Proceedings of the
An Energy-Saving Routing Algorithm for Wireless Body Sensor Network using Data Compression Technique


**Index Terms**

Computer Science Wireless

**Keywords**

Energy-Saving Routing Algorithm WSN LEACH-C