Abstract

The effectiveness of a cluster in WSN solely depends on the effectiveness of the cluster head as it acts as a transient communication link between the cluster and the base station. Cluster head in addition to information relay also performs the task of aggregating information from the sensors. Energy depletion does not only take place because of communication but due to inherent calculation involved as well. So as to maintain sound health of all the cluster head it is mandatory that the entire clusters are equi-sized in nature. These requires for near about approximate sensors in all the clusters. The prime objective should be to create equi-sized clusters, devise efficient cluster head rotation mechanism with improved data aggregation.

References


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Index Terms

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Keywords

WSN  cluster  cluster head  aggregation  equi-sized