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Abstract

An energy efficient routing protocol named Hybrid TB-LEACH Energy Based Multihop Protocol is proposed. The proposed protocol selects sensor nodes having higher residual energy as Cluster Heads which communicate with the base station by the means of minimum spanning tree. It has reduced energy consumed by sensor nodes. In this paper, performance of proposed protocol is analyzed with the effect of change in position of base station. The performance of proposed protocol is compared with the previous proposed protocols LEACH, TB-LEACH and CTPEDCA protocol.

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Index Terms

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Keywords

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