

## عنوان مقاله:

Investigating Energy Efficiency And Security For Routing In Heterogeneous Wireless Sensor Networks

## محل انتشار:

نخستین کنفرانس بین المللی فناوری اطلاعات (سال: 1394)

تعداد صفحات اصل مقاله: 5

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## خلاصه مقاله:

Wireless Sensor Networks can be used to monitor environments, and therefore have broad range of interesting applications. The issue of energy constrained and non renewable energy of sensor nodes has made the node weaker as a critical challenge in wireless sensor networks. The workload of nodes may varies depends on position and mobility of each involved nodes The applications which may use Wireless Sensor Networks can be of sensitive nature and therefore might require enhanced secured environment. As sensors are used to monitor sensitive areas therefore Security and energy efficiency is essential consideration when designing wireless sensor networks . The Sensor nodes get their power from batteries. Since the sensor nodes are deployed in harsh environment they cannot be recharged. This paper contributes the implementation of this work and makes a comparison of its performance with The gradient based. this have been analyzed and compared to calculate the energy utilization and routing protocol .based on packet delivery ratio, throughput, jitter, delay and energy level

## کلمات کلیدی:

Energy efficiency, Routing protocol, Security, WSNs

## لینک ثابت مقاله در پایگاه سیویلیکا:

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