

WIRELESS SENSOR NETWORKS BUILDING MONITORING APPLICATION

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Abstract: *Wireless Sensor Networks (WSN) are a field in the computer science that the last years have been the center of research in lot of research centers and universities around the world. The advantages of this technology are a lot, small size, energy saving, long range coverage, small cost etc. One of the biggest advantages is scalability. Scalability means that a network with wireless nodes can be expanded as big as we want. Wireless sensor networks can be used in big variety of areas: rom agricultural to military applications and from in house applications to industrial applications. This paper is (one overview??) reported in the techniques and communications protocols of the WSN and demonstrates the use of wireless sensor networks for the building environment monitoring paper presents a new editing method for the Bulletin of the Transilvania University of Braşov. The intention is to obtain a better quality of the presentation. This version took into consideration a lot of papers from similar scientific bulletins.*

Key words: *Wireless sensor networks, Ad hoc networks, Application layer, Networking layer, Routing, Data link layer, Buildings measurements.*

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