Abstract

With the recent technological advances of wireless sensor network (WSN) and the nature of wireless sensor networks which is the power constraint, researchers face new challenges related to the design of algorithms and protocols. This work tries to survey the research that has been conducted on a number of levels to design and assess the deployment of wireless sensor networks. It highlights the current state of the Medium Access Control (MAC) protocol in WSN with a view to advance the research in the field.

Communications Surveys and Tutorials Vol. 6, no. 1, pp. 2-16.

- Eiko Yoneki and Jean Bacon (2005), "A survey of Wireless Sensor Network technologies: research trends and middleware's role," Technical reports published by the University of Cambridge Computer Laboratory, ISSN 1476-2986

Index Terms

Computer Science

Wireless
Keywords

MAC  Network lifetime  TDMA and CSMA  Sensor