A Study on Data Management Issues in Wireless Sensor Networks

Abstract:

Wireless sensor networks have been an area of significant research in recent years. Sensors generate data that must be processed, filtered, interpreted, and archived in order to provide a useful infrastructure to users. Nowadays large-scale sensor networks are widely deployed around the world for various applications. A large volume of various useful data are generated by these deployments. An interface between WSNs and users, which can extract the data where users want and represent the data as the format they required, is significant. To develop this kind of interface, it is indispensable of supporting of data management techniques. In this paper we studied and compared the existing techniques.