A Survey on Routing Protocols for the Underwater Wireless Sensor Network

Volume 175

Number 6

Year of Publication: 2017

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Abstract

Underwater wireless sensor networks (UWSNs) obtained the information from the underwater sensor nodes. In which there are lots of issues and difficulties in underwater like size, limited battery power, deployment and limited bandwidth capacity. In underwater, it is difficult to recharge or substitute the battery of the sensors nodes. In such circumstances the concentrate on reducing the battery utilization of the sensors nodes. There are various techniques are used to reduce the battery utilization. The design of routing protocols for underwater sensor networks creates numerous challenges due to essential properties of the underwater environment. Many routing protocols have been proposed in order to provide an efficient, reliable and route discovery between the sources and the sink. It also has more through-put as compared to the existing technique. In this paper, display a survey and comparison of various groups according to their taxonomy with their ability is discussed in detailed.


No.11, pp. 4402-4412


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**Index Terms**

Computer Science Wireless

**Keywords**
Types of UWSN, application, the architecture of UWSN, the taxonomy of routing protocols