Abstract

Wireless sensor network (WSN) has emerged as a promising technology thanks to the recent advances in electronics, networking, and information technologies. The data which flows through the wireless sensor network has great impact on the link load. The handling this data against the congestion, its reliability, and loss recovery is very tough task. In this paper we propose the scheme to detect and overcome the congestion (EDCAM). The main feature of proposed algorithm is early detection of the congestion. Rather to take the corrective action, here we prevent to happening the congestion.

Index Terms

Computer Science Wireless
## Key words

<table>
<thead>
<tr>
<th>Algorithm</th>
<th>EDCAM (Early Detection Congestion Avoidance Mechanism)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel Occupancy</td>
<td>HWM (High Water Mark Level)</td>
</tr>
<tr>
<td>Buffer Occupancy</td>
<td></td>
</tr>
<tr>
<td>Reporting Rate</td>
<td></td>
</tr>
<tr>
<td>Congestion Notification Bit (CN)</td>
<td></td>
</tr>
</tbody>
</table>