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**Abstract**

VANET is the emerging technology that is to be adopted worldwide. The studies and research for the adoption of this technology is still simulation based. VANET is a wireless adhoc networking techniques, whose feasibility and performance are usually tested by means of simulation. Routing protocols and their performances in all possible scenario of the traffic is key factor for the development of VANET. The main objective of this paper is to simulate the two adhoc routing protocol AODV and OLSR in realistic scenario of traffic under the two different radio propagation model Two Ray Ground and Nakagami. Through this paper I am wishing to highlight the use of radio propagation model for the adequate simulation. To carry out the whole simulation I used traffic simulator MOVE over SUMO and network simulator ns-2.

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- UM-OLSR, an implementation of the OLSR <http://masimum.inf>

## Index Terms

Computer Science

Wireless

## Keywords

Tworayground Nakagami Move Aodv Olsr