The use of cooperative approach to reduce vehicle emission.

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Abstract - Modern society is highly dependent on traffic and transport. The trend of continuous increase in road traffic volumes, especially in urban traffic, causes serious problems in terms of congestion, safety, pollution and so on. Therefore, with a use of two-way communication among the road traffic participants and infrastructure, Cooperative Intelligent Transportation Systems (C-ITS) are enabling thriving of new ideas for solving various transport problems. C-ITS can greatly increase the quantity, quality and reliability of available data about vehicles status, their location and their interaction with the environment. The paper shows suggested cooperative architecture, particularly for better vehicle emission control in congested areas.


REFERENCES