



## Project Summary

# Proceedings of Two Highway Vehicle Emission Inventory Workshops

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**EPA's Joint Emission Inventory Oversight Group is initiating research projects with the goal of better quantifying air pollution emissions in both current and future years. Highway vehicles have been found to be important contributors to organic, oxides of nitrogen, and carbon monoxide emissions as well as some hazardous air pollutants, despite the significant emission reductions that have already been achieved on a per vehicle basis. Therefore, EPA is actively investigating research opportunities to improve the state-of-the-art in estimating highway vehicle emissions. This project was an effort to solicit research ideas from outside EPA using a workshop forum.**

***This Project Summary was developed by EPA's Air and Energy Engineering Research Laboratory, Research Triangle Park, NC, to announce key findings of the research project that is fully documented in a separate report of the same title (see Project Report ordering information at back).***

### Introduction

The proceedings summarize the highway vehicle emission inventory research

recommendations made by non-EPA personnel with varied backgrounds in transportation related air quality issues. These recommendations were compiled from two workshops on highway vehicle emission inventories. The first workshop was held in Washington, DC on July 19 and 20, 1990. The second workshop was held in Sacramento, CA, on August 21, 1990.

### Conclusions

According to the 20 participants at the two workshops, highway vehicle emissions represent an area where many fruitful research projects could be initiated. This project resulted in 25 specific highway vehicle research recommendations. These recommendations have been sorted into four categories: (1) characterizing per vehicle emissions, (2) how vehicles are being used, (3) coordinating emissions and transportation models, and (4) summary issues, or projects that examine the other three issues in aggregate.

A major theme at both workshops was the need to independently verify emission estimates and design the validation/verification methods so that they parallel emission inventory efforts.



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*The complete report, entitled "Proceedings of Two Highway Vehicle Emission Inventory Workshops," (Order No. PB91- 168 432/AS; Cost: \$15.00, subject to change) will be available only from:*

*National Technical Information Service*

*5285 Port Royal Road*

*Springfield, VA 22161*

*Telephone: 703-487-4650*

*The EPA Project Officer can be contacted at:*

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