



## **Influence of primary air pollutants on local biota of Trichy, India**

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### **Abstract**

Air pollution is one of the serious problems faced by the people globally, especially in urban areas of developing countries like India. All these in turn lead to an increase in the air pollution levels and have adverse effects on the health of people and plants. In any well planned urban set up, industrial pollution takes a back seat and vehicular emissions take precedence as the major cause of urban air pollution. The unplanned growth of cities in India has led to the problems of increasing slums, vehicular traffic and air pollution. Automobile exhaust, which also consists of all major air pollutants is a significant source of air pollution in the urban context. The present paper deals with the study on concentration of major air pollutants from vehicles and their influence on local biota like plants and human beings in Tiruchirappalli city besides this the impact on plant species and human health has been undertaken.

**Keywords:** *Ambient air quality, Health disorders, Biota, Trichy*