

# Assessing vehicular traffic pollution

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The work assesses how vehicular traffic pollution affects the cardiovascular and respiratory health of people living in Tema Community One. It links environmental and transportation issues to air quality and shows how contact with polluted air negatively affects health and social outcomes. Objectives focus on measuring the quality of the air, the spatial variation of pollution from selected gases, environmental factors promoting vehicular traffic pollution, perceptions of vehicular traffic pollution, and health effects on the cardiovascular and respiratory systems. In order to achieve this, medical doctors and household members in the study area were interviewed and engaged. Hospital records were collected from the various health facilities visited. Charts, tables, models, maps, and transcriptions are used in explaining and showing results. The work starts in chapters one to five with five objectives and five research questions. An exploratory and mixed research approach was used for the study. Questionnaires, an interactive guide, and gas sensors were used for the data collection.

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