Vehicle Emissions of Greenhouse Gases (GEE) in Automotive Diesel Powered

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Abstract

The study of the emission of greenhouse gases (GEE) in the atmosphere is of fundamental importance due to global climate change and its consequences for ecosystems. Studies involving vehicular emissions are of great importance due to its role in GEE emissions. The aim of the research was to determine the emission of major greenhouse gases (CO₂, CH₄ and N₂O) in the diesel fleet. For this, we studied three Diesel-powered vehicles for emission test on the dynamometer LACTEC in Curitiba. Were tested vehicles manufactured in 2003, 2007 and 2008.

Keywords: Greenhouse gases, vehicular pollution, methane, atmospheric pollution.