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HOW DOES THE PERCENTAGE INCREASE OF METHANE IN THE ATMOSPHERE AFFECT THE RATE OF INCREASE OF THE SURFACE TEMPERATURE OF THE EARTH KEEPING THE OTHER FACTORS CONSTANT?

DEEPAK KUMAR CHOUDHARY[1] & JAYATH PAURANA[2]

[1]*Professor, Head of Department Physics Podar International School, Mumbai, India*

[2]*Student, International Baccalaureate Podar International School, Mumbai, India*

ABSTRACT

In the recent years, experts around the globe have expressed concerns regarding the increase in earth's temperature and the rise in methane emissions. This study aims at investigating the connection between methane emissions and the rate of increase of earth's global surface temperature based on secondary data, collected by authentic and credible organizations such as NASA from 2009 to 2019. The data is then graphed and the relationship between the variables in analysed with the help of supporting pictures provided by NASA. Following the evaluation and conclusion of data, the main aim of this research is to find root causes and solutions to rise in methane emissions.

KEYWORDS: Methane (CH_4) Emissions, GWP, Percentage Increase, Global Surface Temperature

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