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Analysis of the effect of the environmental surroundings (Global warming) on road infrastructure

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Abstract

Changes in the composition of gases in the atmosphere are the primary cause of global climate change. It is possible that these modifications will have an impact on the strength of the greenhouse effect. The increase in the concentration of greenhouse gases in the atmosphere has resulted in a phenomenon known as global warming, which has resulted in an increase in the average temperature of the Earth's atmosphere as compared to the pre-industrial era. Because of global warming, urban infrastructure, as well as all other infrastructure around the world, is facing severe challenges. The deterioration of structures has a substantial impact on their long-term structural function. deterioration Environmental factors influence this, and climate change has a substantial effect on it. Because climate change affects the environment over a longer period of time, it has the effect of speeding up the deterioration of the environment. Namely, the purpose of this research is to determine the long-term impact of temperature rise caused by climate change on the modulus property of road infrastructure, specifically asphalt construction materials.

Biography

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