A comparative study of light pollution scenario during recent years in Bangladesh and it's bad effect on the environment.

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Abstract

Light pollution may be defined as the excessive use of Artificial light. Though it is a growing concern around the world, it is a neglected field of interest in such a densely populated country like Bangladesh. In this study, data regarding luminosity per 1000 person in Bangladesh during the year 2013-2021 is presented. Also, images of the map of artificial lightening and their intensity of major cities like Dhaka, Rajshahi, Chittagong during these years were presented and compared. These images and data were taken using VIRUS Satellite. This comparison shows how use of artificial light has increased with the passage of year. The most affected region within Bangladesh is the capital Dhaka. This pollution must be considered during modeling of large cities, growing urban area's, roads, Highways and Human Habitations.

Keywords

Light pollution, Artificial light, Luminosity.

Recent Publications

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Biography

Currently studying as a student in the Department of Mechanical Engineering at Rajshahi University of Engineering & Technology. Has lots of technical and volunteering experience. Possess strong communication and presentation skills. Very much willing to pursue a career in Research and Design field. Currently working on environmental issues, biofuel, waste to electricity, Covid-19 related waste management, design and simulations of Automobiles.

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Session name/ number: Pollution and Health Effects
Category: Oral presentation