



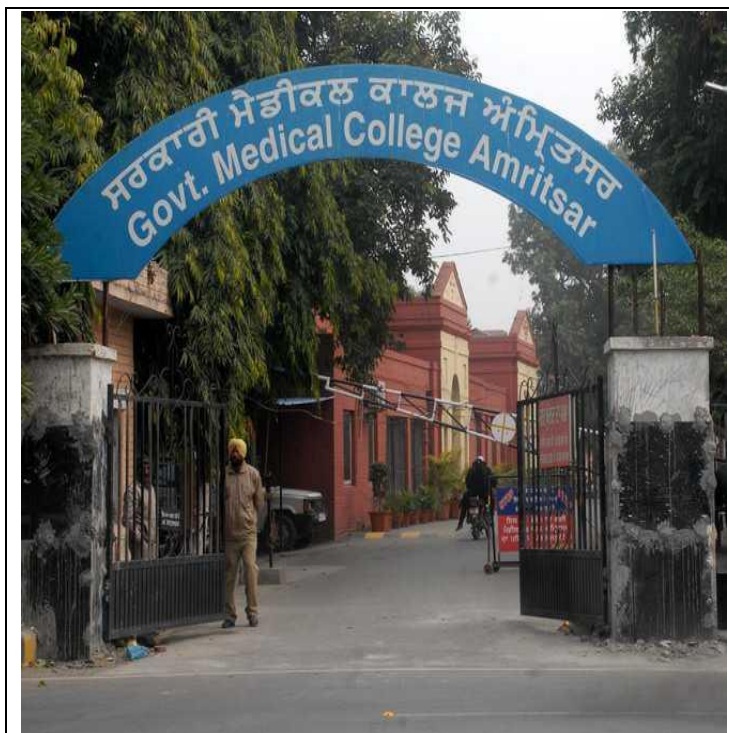
Title: GREENHOUSE EFFECT AND CLIMATE CHANGE: SCIENTIFIC BASIS AND OVERVIEW

DR. ANIL BATT A

Climate change due to 'enhanced greenhouse effect', arising as a result of human activities is considered a major global environmental threat to mankind. A review of the topic including the physics of the greenhouse effect is given. The Earth provides a unique life-supporting environment. Solar radiation has been responsible for maintaining the Earth's climatic system, the biosphere and fuelling the present technological age. Earth's temperature is a result of the equilibrium between the solar energy absorbed by the Earth and the long wave (infra-red) radiation from the Earth escaping into space. The natural greenhouse effect arises due to some of the trace gases, called the greenhouse gases, which are nearly transparent to solar radiation but strongly absorb the infra-red radiation emitted by the Earth. This results in a warming of the Earth by about 30°C and makes it habitable. Since industrialization, human activities have resulted in steadily increasing concentrations of the greenhouse gases—carbon dioxide, methane, nitrous oxide and chlorofluorocarbons—in the atmosphere, leading to fears of the 'enhanced greenhouse effect'. Carbon dioxide alone contributes roughly two-thirds to the 'enhanced greenhouse effect'. Past records suggest that the Earth has warmed by 0.5°C and the global sea level has increased by 15 cm since the beginning of this century.

Biography

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1. Physical exercise in the rehabilitation of dialysis patients
2. Recommendations of the Working Group of the Polish Nephrology Society regarding the quality criteria of dialysis treatment of patients due to end-stage.
3. Probation officer in the face of new tasks and changes in the social rehabilitation system.
4. Summary of clinical practice guidelines for pre- and postoperative care of natural arteriovenous and prosthetic fistulas.
5. Glen Mills School in the US Youth Crime Prevention System

[International Conference on Global Warming and Natural Disasters, June 1-2, 2020, Webinar](#)

Abstract Citation :

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