

# **EMERGING TRENDS IN HUMANITIES, ARTS AND SCIENCE**

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## EFFECTS AND IMPLICATIONS OF CLIMATE CHANGE ON HUMAN HEALTH IN INDIA

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*"Climate change is beginning to damage our natural life support system."  
-Prof. McMichael*

Global climate change could undermine human development in many countries, including India. Climate change will inevitably affect basic requirements for maintaining health, such as clean air and water, adequate food, adequate housing, freedom from disease and even social conditions. But more subtle and gradual climate change can also harm human health. Health is a key factor of human advancement and it is closely linked to other Millennium Development Goals (MDGs). Climate and weather have always had a strong impact on people's health and well-being. According to the 2020 Ecosystem Threat Register (ETR), the number of natural disasters world wide has increased ten fold since the 1960s. The World Health Organization (WHO) estimates that between 2030 and 2050, climate change will cause about 250,000 additional deaths annually from malnutrition, malaria, diarrhea and heat stress. Direct damage to healthcare is estimated at \$2-4 billion annually through 2030.

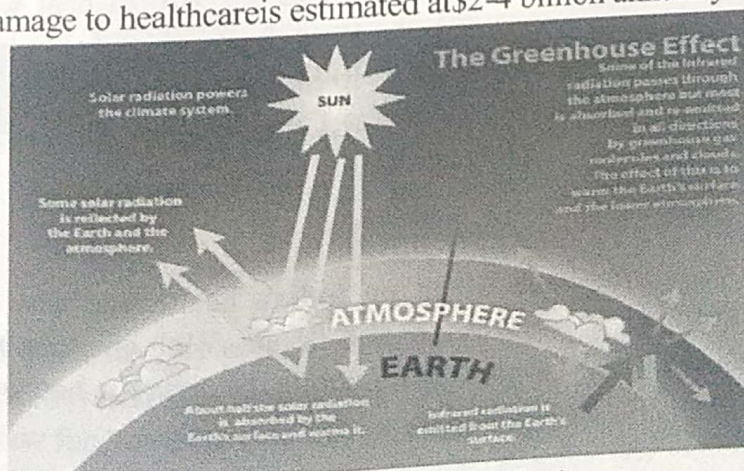


Fig: 1 Greenhouse Effect

Source: [www.global-greenhouse-warming.com/](http://www.global-greenhouse-warming.com/)