

Global Warming: A Threat to Life on Earth

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Abstract: *Global warming, driven primarily by human-induced greenhouse gas emissions, represents one of the most pressing threats to life on Earth. This paper examines the causes, scientific evidence, and multifaceted impacts of global warming on ecosystems, biodiversity, human health, and societal structures. Drawing on recent scientific assessments, it highlights the acceleration of climate change effects, including rising temperatures, sea level rise, extreme weather events, and biodiversity loss. Projections indicate that without immediate mitigation, these threats could lead to irreversible damage, potentially causing mass extinctions and widespread human hardship. The paper concludes with strategies for mitigation and adaptation, emphasizing the urgency of global action to safeguard life on the planet.*

Keywords: Greenhouse, Ecosystems, Automobiles, biodiversity, Mitigation