

# THE SCIENCE OF CLIMATE CHANGE

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*This essay presents the basic science of global warming. At its base is human interference with the carbon cycle. Major current impacts, worldwide and in India, are discussed. We also present the latest science pertaining to the attribution of extreme events in India. Key to understanding climatic impacts in India is the excessive warming of the Indian Ocean. Planetary feedbacks and tipping points that are being crossed suggest that the urgency to intervene has never been greater.*

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