

What is Climate Change?

The United Nations Framework Convention on Climate Change (UNFCCC) defines climate change as a change in climate which is attributed directly or indirectly to human activity that alters the composition of the global atmosphere and which is in addition to natural climate variability over comparable time periods. Climate Change Adaptation refers to adjustments in natural or human systems in response to actual or expected climatic changes or their effects. Adaptation can moderate the harm or exploit the beneficial opportunities associated with climate change.

Climate Change Mitigation is defined as the measures to reduce greenhouse gas concentrations in the atmosphere, and thus ultimately the magnitude of climate change. These include energy conservation, using renewable energy such as wind or solar energy instead of coal, oil or gas, and planting trees that absorb carbon dioxide from the atmosphere.