

## **Human Activities Driving Climate Change**

Climate change is largely driven by human activities, especially the burning of fossil fuels such as coal, oil, and gas. These actions release greenhouse gases-primarily carbon dioxide (CO<sub>2</sub>) and methane-into the atmosphere, trapping heat and warming the planet. Deforestation, industrial emissions, and large-scale agriculture also contribute significantly. As the concentration of these gases rises, Earth's natural balance is disrupted, leading to environmental consequences that are becoming increasingly severe.