

**EXISKY SPACE** 



# The Impact of Climate Change: Understanding Our Role

An inspiring journey to explore climate change and our role in its mitigation.



Exploring the vivid beauty of nature and the looming threat of climate change

## The Four Major Greenhouse Gases

Understanding the Key Contributors to Climate Change



### Methane (CH<sub>4</sub>)

Produced during the breakdown of organic matter in landfills, agriculture (especially from livestock), and natural gas production.

#### Carbon Dioxide (CO<sub>2</sub>)

Released from burning fossil fuels (coal, oil, natural gas), deforestation, and land-use changes.

#### Nitrous Oxide (N2O)

Emitted from agricultural and industrial activities, as well as during combustion of fossil fuels and solid waste.

#### Chlorofluorocarbons (CFCs)

Historically used in refrigeration, air conditioning, foamblowing agents, and aerosol propellants.

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