

GLOBAL ENVIRONMENTAL ISSUES

Climate Change, Global Warming, and Conservation

Climate Change

- **What Is It?** Climate change refers to long-term shifts in Earth's weather patterns, now accelerating due to human activities like burning fossil fuels and deforestation.
- **Why It's Important:** It fuels extreme weather events (floods, droughts, storms), disrupts food production, threatens water supplies, and endangers health, with rising sea levels posing risks to coastal areas.
- **What We Can Do:** Cut your carbon footprint: save energy, drive less, recycle, and adopt renewable energy sources like wind and solar. Every action counts!



Global Warming



- **What Is It?** A rise in Earth's average temperature caused by greenhouse gases like CO₂ from cars, factories, and power plants trapping heat in the atmosphere.
- **Why It's Important:** It melts polar ice, threatens wildlife, raises sea levels, and harms marine ecosystems like coral reefs.
- **What We Can Do:** Save energy, use public transport, plant trees, and reduce waste to cut methane emissions.

Conservation

- **What Is It?** Protecting nature—animals, plants, water, and land—for future generations through sustainable use.
- **Why It's Important:** Keeps ecosystems healthy, preserves balance, and prevents species extinction.
- **What We Can Do:** Reduce plastic, recycle, save water, protect habitats, and support eco-friendly policies.

