

STATE OF GLOBAL CLIMATE REPORT, 2023

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Context:

Recently, The World Meteorological Organization has released the State of the Global Climate report, 2023.

Background:

The WMO is an intergovernmental organization with a membership of 192 Member States and Territories. India is a member of WMO.

About State of the Global Climate 2023:

1. The State of the Global Climate 2023 report is an annual report issued by the United Nations weather agency World Meteorological Organization (WMO).
2. It provides crucial insights into climate trends, extreme events, and the impact of human activities on our planet.
3. This report serves as a vital resource for policymakers, scientists, and concerned citizens to understand and address climate change effectively.

Key Points about the State of the Global Climate, 2023:

1. The State of the Global Climate 2023 report by the World Meteorological Organization (WMO) confirmed that 2023 was the warmest year on record.
2. The global average near-surface temperature surged to at least 1.45°C above pre-industrial levels.
3. Records were broken for greenhouse gas levels, surface temperatures, ocean heat and acidification, sea level rise, Antarctic Sea ice cover, and glacier retreat.
4. Extreme weather events such as heatwaves, floods, droughts, wildfires, and rapidly intensifying tropical cyclones caused significant damage, disrupting everyday life for millions and inflicting substantial economic losses.
5. The report also highlighted the increasing speed of climate change impacts.
6. The report underscores the high cost of climate inaction and the need for a swift transition to renewable energy.