

STATE OF GLOBAL CLIMATE REPORT, 2023

Posted at: 23/03/2024

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.