

COP24: Future Course of action

Why in news?

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Conference of Parties 24 (The United nations Climate summit) is to take place in Katowice Poland soon.

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What is the present global situation?

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- The latest Greenhouse Gas (GHG) Bulletin of the World Meteorological Organization (WMO) says the level of heat-trapping greenhouse gases, notably the most potent carbon dioxide, hit a new record in 2017.

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- A US Congress-mandated report too warned of dreadful consequences of continued growth in emissions.

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- Global warming will undermine human health, damage infrastructure, limit water availability, alter coastlines and push up costs in industries, farming, fisheries and energy sectors.

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- Under Trump Administration the US is seeking to dilute the financial obligations of the developed nations to sustain the global struggle against rapidly altering climate.

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- There are no signs of reversals in this trend and that the window of opportunity for action is almost closed.

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- Climate change will, thus, have increasingly destructive and irreversible impacts on life on earth.

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How India is affected by climate change?

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- Since 1951 the meteorological data of India shows an increasing frequency of extremely heavy rainfall and rainless days and diminishing incidence of light to moderate rainfall.
 - The IMD has also attributed the recent unprecedented deluge in Kerala and similar events elsewhere earlier to climate change.
 - The India Meteorological Department (IMD) also conceded that the weather-related normal has changed.
 - Studies also have revealed a perceptible rise in the surface water temperature in the Arabian Sea and Bay of Bengal, boding ill for aquatic biodiversity.
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What should be the course of action?

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- Adaptation is as important as mitigation though it has received meager attention till now.
 - The adaptation and mitigation should be sector and region specific rather than the one size fits all type.
 - Agriculture, being the most weather-dependent sector, can thrive only if it manages to adjust to the emerging weather trends through climate resilient technologies and crop varieties.
 - Water conservation as well as drainage will need to be improved to contain the impact of droughts and floods.
 - Similar well-judged measures will be imperative to protect flora and fauna against various kinds of threats.
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How can the adaptation and mitigation process can be financed?

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- The economic cost of the adaptation strategies can be huge.

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- The resource-starved countries may find hard to afford such a large sum of money without external assistance.

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- The solution lies in funding the Green Climate fund.

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- The Cancun 2010 climate summit decided to create a Green Climate Fund with annual donations amounting to \$100 billion by 2022.

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- However the money has not been forthcoming for this purpose.

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- The Katowice meet will, therefore, do well to deliberate on this issue and get the Fund going to shield this planet from the wrath of the climate change.

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Source: Business Standard

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