



CURRENT AFFAIRS



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In climate change noise, India's role as conductor (The Hindu, GS-3 Environment)

Context:- Western countries such as USA are mounting pressure on India to declare itself as net zero emitter.

- If green house gas emission will continue to be on the same pace then it will difficult to achieve the Paris climate deal.
- we have to decrease the carbon emission if we want to sustain our selves
- climate justice as said in Paris climate deal.
- it is same as the retirement plan. i.e. in the middle age a person plans his financial resources according to the need in the future.

FACTS:- According to the some of the studies countries which are in the high income as accordingly by the world bank must have on 20-25 year for carbon neutral.

- India will be in that bracket some where in 2050, so india can itself declare herself to be carbon neutral by 2070-75.
- USA which is in the high income must declare itslef by 2040 but she had declare herself in 2050.

Way forward:-

- Declaration can show India's commitment to the deal.
- To save earth's atmosphere.
- But we must think about our poor population as well which need energy.
- Equitable justice is the mainstay.

Swarn Singh

BIMSTEC needs to reinvent itself (The Hindu, International relation, GS-2)

Context:-The foreign ministers of BIMSTEC met virtually on April 1.

History:-

- In 1997 through the Bangkok Declaration.

- 4 Member States with the acronym 'BIST-EC' (Bangladesh, India, Sri-Lanka and Thailand Economic Cooperation).
- Nepal and Bhutan included in 2004.
- Members are
 - Five are from South Asia –
 - Bangladesh
 - Bhutan
 - India
 - Nepal
 - Sri Lanka
 - Two are from Southeast Asia –
 - Myanmar
 - Thailand
- initial 20 years this group was dormant but due to faltering of SAARC in 2016 this group got the oxygen and revived.
- since then we have regular meeting, working on BIMSTEC Charter.
- Recent study of FIICI shows that BIMSTEC must have comprehensive free trade economic cooperation agreement.
 - It should cover
 - trade in goods, services and investment
 - promote regulatory harmonization
 - adopt policies that develop regional value chains
 - eliminate non-tariff barriers.
- What has achieved till now
 - Humanitarian Assistance and Disaster Relief and security
 - counterterrorism
 - cyber security
 - coastal security cooperation
- Hurdles which must be over come or way forward
 - cordial and tension-free bilateral relations among all its member-states.
 - uncertainties over SAARC hovers
 - China's decisive intrusion in the South-Southeast Asian space
 - the military coup in Myanmar, brutal crackdown of protesters
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Swarn Singh

Doomsday Glacier

(GS PAPER-3, ENVIRONMENT AND ECOLOGY)

SOURCE- THE HINDU)

Context

Researcher at Sweden University of Gothenburg found that fear is related to Thwaites melting are worse than previously thought owing to supply of warm water flowing underneath at a rate of underestimated in the past

key points

- The Gothenburg study used an uncrewed submarine to go under the Thwaites glaciers Front to make observation submersible called Oden measured among other things the strength temperature salinity and oxygen content of the ocean currents that go under the Glacier
- Using Sonar on the ship nested with very high-resolution Ocean mapping from Oden researcher found that there are distinct parts that water takes in and out of the ice shelf cavity Influenced by the Geometry of the ocean floor
- These were the first measurements ever performed beneath Thwaites glacier.
- Using the results the researchers have been able to map the ocean currents that flow below Thwaites floating part.

-Khyati Khare

Heatwave

(GS PAPER-3, ENVIRONMENT AND ECOLOGY

SOURCE- THE HINDU)

Context

According to a report filed by Telangana state development and planning, society is highly prone to hot weather conditions and heatwave, especially seen in some difficult especially kanban Bhadrachalam, Nizamabad Karimnagar, and Warangal

key points

According to the report, the following are the cause of proneness to draught in the state-

- Nonavailability of irrigation facilities
- distribution of rainfall
- limitations of groundwater exploration
- changes in the monsoon pattern

Telangana state heatwave Action Plan 2021

- It is prepared by the revenue department and TSDPS in Association with UNICEF Hyderabad
- It AIMS at providing guidelines to be taken up by the state and district administration for minimizing the impact of possible heatwaves
- The government had already launched a mobile app to provide information about the top 10 hottest location in the state

what is heatwave

A heatwave is a period of abnormally high temperature more than the normal maximum temperature

-Khyati Khare

Plutus IAS