प्रश्न संख्या (Question No.)

U.P.S.C.

इस भाग में कुछ न लिखें (Don't write anything in this part)

Q There is a need for conference of parties 27 on the basis of sustainable forest. Do you agree with this view? Comment

Conference of parties 27 which will be held in Egypt - Sharm El-Sheikh. Countries meet & decide next goal to achieve net zero carbon emission & target to reduce earth's temperature 1.1°C.

The IPCC report 2022 warned "the world is set to reach the 1.5°C level within next 2 decades.

Many COP done like in COP 26 developed countries provided technologies & 100 billion dollars, this all is still pending & technologies & money is not alone to deal the climate change.

We eat 100kg plant-based food per person each year, but producing enough bio-kerosene to fly at today's levels requires 200 kg of additional harvest.

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- What Report says →

- In 2018 MIT technology review reported that the world will take nearly 400 years to transform the energy system

- Tech-centric mitigation conservation leaves forest economies & subject such as conservation & forests which are the best carbon removal instruments.

- Climate change requires the same amount of investment in conservation rather than new technology.

- Countries may easily attempt to achieve their net zero deforestation goals through mono-culture farming. This won't be much helpful. we preserved forests are 40% more effective than planted ones.

What should we do

- forests absorb net 7.6 billion metric tonnes of CO_2 a year. we focus on more preserved forest.

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2) Conservation of forest, along with other nature based solution, can provide upto 37% of the emission reduce.

3) The Dasgupta Review - Independent review on the Economics of Biodiversity reports that salt marshy & mangroves are 2-5 time cheaper than grey infrastructure

4) In 2019 34% of total net anthropogenic greenhouse gas emission came from the energy supply sector, 24% from industry & 22% from agriculture, 15% from transport & 6% from buildings.

5) local people & indegenous people be a part to conserve forest.

So, The IPCC Land report estimates that land serves as a large CO_2 sink so conserving natural sinks, improving biodiversity protection, & restoring ecosystem. & transform agricultural practices.