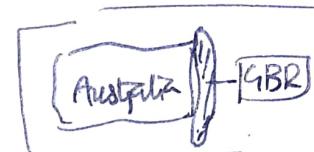


[GS-1] - GCO.

1. Climate change factors are adversely impacting the Great Barrier Reef to sustain and regenerate itself. Substantiation.

Recently International union for conservation of nature and UNESCO world heritage convention has proposed to list Great Barrier Reef in the list on world heritage in danger list.

Australia's Great Barrier Reef



The Reef is one of irreplaceable global ecosystem, biodiversity hotspot, in Australia's East coast.

Climate change factors impacting Reef

The report says that climate change factors has affected the reef's ability to sustain and Regenerate, despite Australian government's efforts

1. Frequent Bleaching of corals

Reef 2050 - Government of Australia's initiative. Despite this '3' of back to back bleaching happened since 2015.

Effect

Increasing sea surface temperature and marine heatwaves, lead to 90% of degradation of Reef ecosystem.

Ipc Report on great Barrier reef - Shows -
despite world achieving 1.5°C target, it is
difficult to prevent frequent mass bleaching
Affect - tourism resulting in 10000 jobs and
AUSD 1 billion loss every year

2. water quality - affected frequently

- i) onshore - land based activity outside protected areas are major reason,
- ii) Lack of implementation of climate initiatives. Climate goals have not updated since 2015

iii)

3. pollution in water affecting water quality

way forward.

Listing in Danger list, will enable immediate funding for conservation and also provide focus on tangible development projects and gain political consensus & ensure future conservation process