

Climate Vulnerability Index by CEEW

October 27, 2021

In news– Council on Energy, Environment and Water (CEEW) has released a first-of-its-kind Climate Vulnerability Index recently.

About the report-

The report **'Mapping India's Climate Vulnerability – A District-level Assessment'**, which has been supported by the **India Climate Collaborative and Edelgive Foundation**, has analysed 640 districts in India and found that 463 of these are vulnerable to extreme floods, droughts and cyclones.

Key findings of the index-

- As per the index, the **states of Assam, Andhra Pradesh, Maharashtra, Karnataka and Bihar are the most vulnerable to extreme climate events** such as floods, droughts and cyclones in India.
- Overall, **27 Indian states and Union territories are vulnerable to extreme climate events.**
- It has found that **Dhemaji and Nagaon** in Assam, **Khammam** in Telangana, **Gajapati** in Odisha, **Vizianagaram** in Andhra Pradesh, **Sangli** in Maharashtra and **Chennai** in Tamil Nadu are among **India's most climate vulnerable districts.**
- The index has revealed that more than 80 percent of Indians live in districts vulnerable to climate risks, out of which **every five Indians live in areas that are extremely vulnerable.**
- It has found that more than 45 percent of these districts have undergone **unsustainable landscape and infrastructure changes.**
- As per the index **183 hotspot districts are highly vulnerable** to more than one extreme climate event.

- **Most districts in India** have been made **particularly vulnerable due to “landscape disruptions’** such as the disappearance of forest cover, over-construction, degradation of wetlands and other natural ecosystems.
- **States in India’s northeast are more vulnerable to floods**, while the ones in the south and central are most vulnerable to extreme droughts.
- **Only 63 per cent of Indian districts have a District Disaster Management Plan (DDMP).**
- **Along with Tripura, West Bengal is the third least vulnerable and Kerala the least vulnerable**, despite being coastal states and prone to annual cyclones and flooding.

Council on Energy, Environment and Water (CEEW)-

- CEEW is one of Asia’s leading not-for-profit policy research institutions.
- The Council was founded in 2010 to also serve as a platform for people with different skills to come together, pursue their interests and build careers in public policy.
- It uses data, integrated analysis, and strategic outreach to explain and change the use, reuse, and misuse of resources.