What is India’s Climate Challenge?

India is deeply vulnerable to climate change

Because of 3 critical risk factors

1. High Agricultural Dependence
   - Over 700 million people depend on agriculture, which is severely exposed to climate shocks.

2. Long Coastline
   - Our coastline, which houses some of the most populous economic hubs, is at risk from rising sea levels.

3. High Fossil-fuel Dependence
   - Our reliance on fossil fuels will pose barriers to our response.

We are already facing the initial effects of climate change

- Temperature is on the rise
- Rainfall is decreasing
- Extreme weather events are becoming more common

Unless we act now, India risks deeper, more systemic effects in the future

- 35% increase in malnutrition, resulting from a fall in the nutritive value of crops and higher food prices
- 15% fall in income and indebtedness will increase due to crop failure resulting from variations in rainfall and temperature
- Lower access to safe drinking water due to a fall in water tables and contamination resulting from long dry spells and saline ingress
- Increased school dropout rate of children, especially girls, due to lower disposable incomes as a consequence of crop failure