

Do you think Bangalore's flooding is a wake up call for India's policy makers. Comment.

The flooding event in Bangalore has crippled the state capital affecting millions. It is indeed a wake up call for policy makers of India.

### Bangalore's cause

As per IMD, August 2022, Bangalore received 37cm of rainfall. From June 2022 Bangalore received 77cm of rainfall against the average of 42cm of rainfall.

Creation of built areas in the drains and lakes worsened the flooding for example the rainbow drain layout.

Unscientific storm water drain construction and encroachment led to flooding near outer ring road. Bangalore being services industry hub had to bear a loss of at least

₹300 crores

## Mitigation measures

① Forecasting - location specific forecasting is central to the flood mitigation. The Doppler radar systems need to be increased from 34 to 67 by 2025.

② Red Atlas action plan map - shows different rainfall pattern, evacuation of areas which are flooded hit and infrastructure of areas that will be flooded.

③ CFLWS and IFLWS Coastal Flood warning system and Integrated Flood warning system for Chennai and Mumbai can be extended to all metros. They provide GIS based decision support system and simulate and predict what will happen.

Way out Cities contribute 60% of GDP to India. Urban flooding has a negative impact on it. Disaster management must be added in the concurrent list to address Urban Flooding.