

# Implementing Drought Resilience through Strategic Sub-national Climate and Economic Action Planning in India: Challenges and Successes

WRI India's report spotlights the Climate Hazard & Vulnerability Assessment (CHVA) framework, highlighting the need to integrate equity into climate action planning

Capturing differential vulnerability to climate hazards like droughts for which the extent and severity of risks depend highly on the socio-economic conditions and adaptive capacities requires extensive technical domain and local insight. CHVA provides a highly flexible, nuanced yet easily scalable and tailorable approach to assessing and measuring vulnerability through social, cultural, economic, and political factors. The methods and datasets used are sophisticated techniques setting baselines for climatic and environmental factors inter-linked to droughts at various scales. The tool enables a better understanding of how the social landscapes of cities and their positions with respect to their hinterlands interact with hazards and create differential impacts.

Vulnerable and impacted groups identified:



## Policy Impact

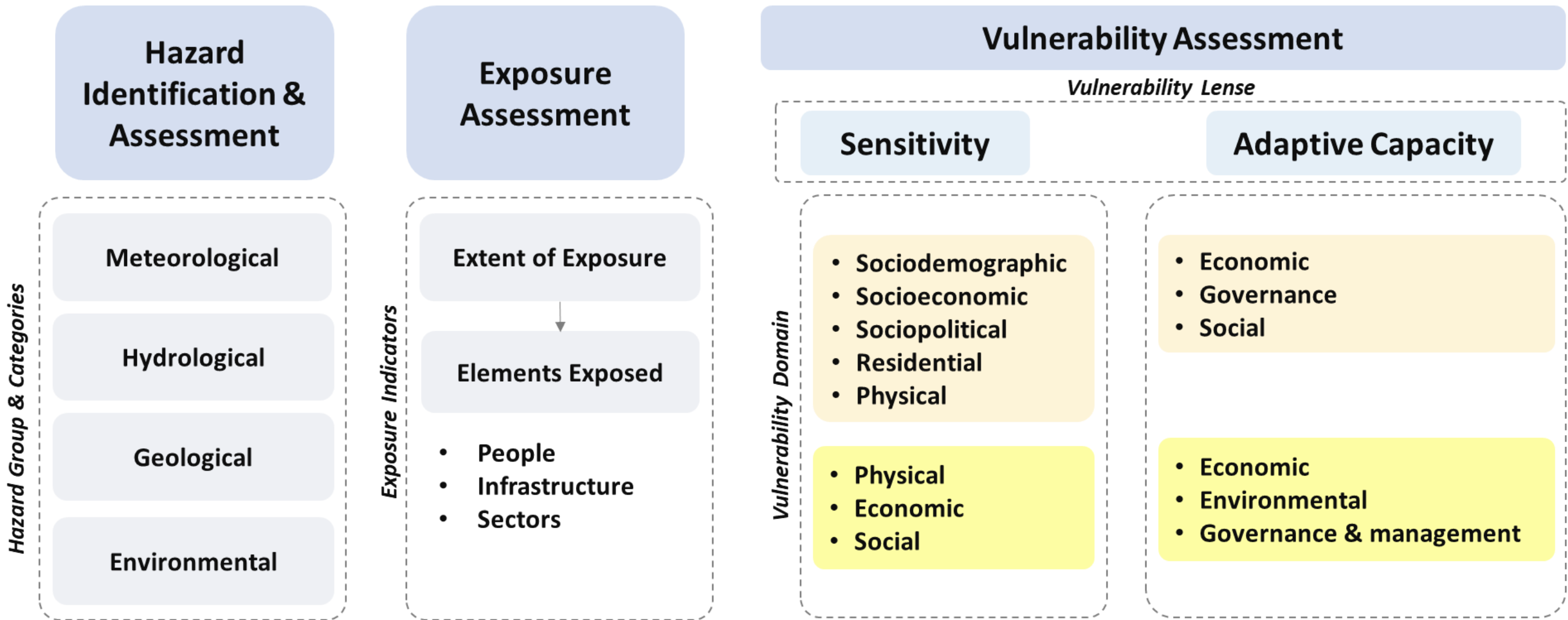


In 2022, Mumbai launched south Asia's first city level GHG inventory, climate vulnerability assessment, and climate action plan (MCAP).

Scan the QR code for the full report & details:

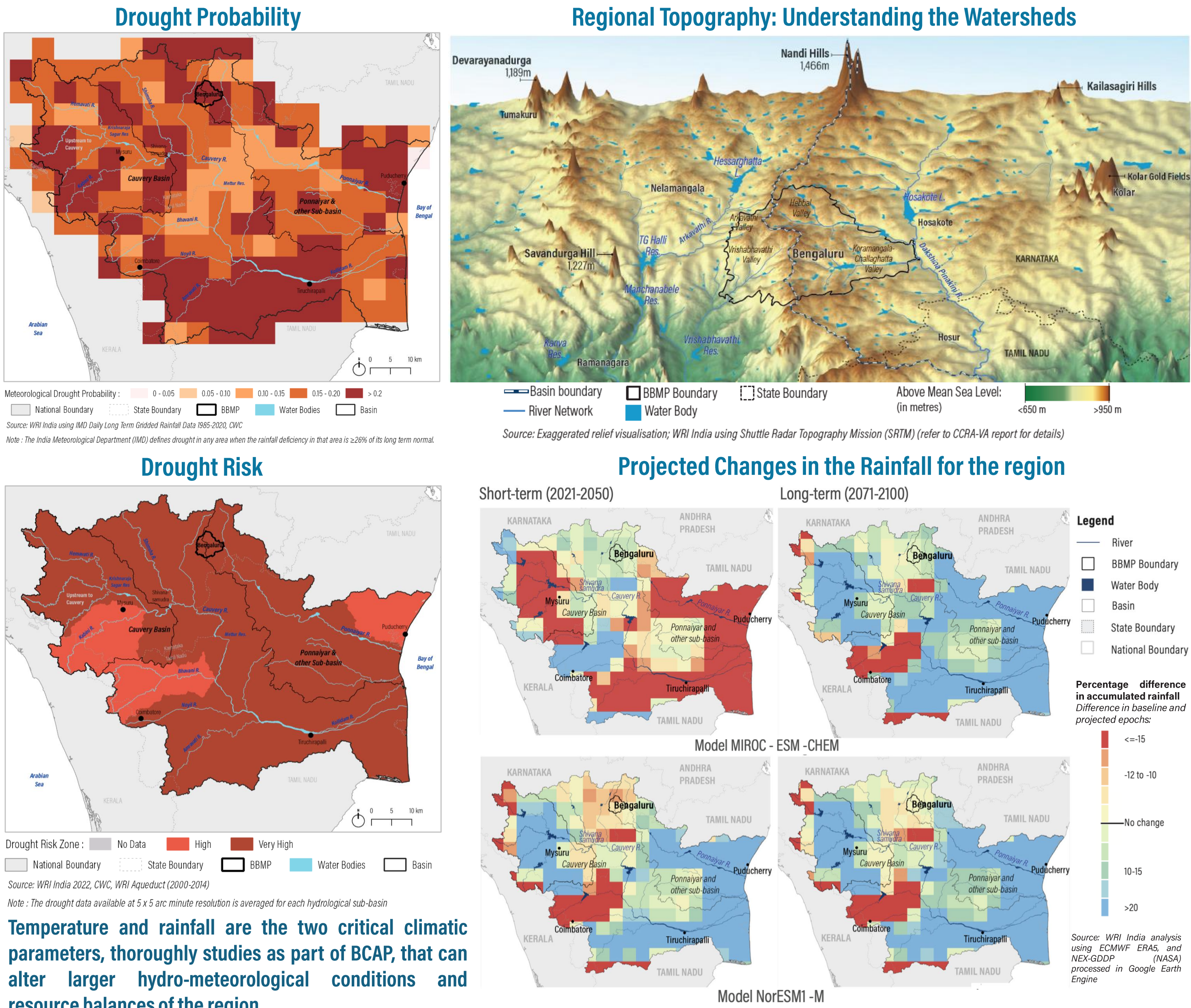


## Climate Hazard & Vulnerability Assessment Framework



## CHVA framework application

### Snippets from Bengaluru Climate and Resilience Action Plan (BCAP)



## Mumbai's Climate Action Plan & Climate Budget Report

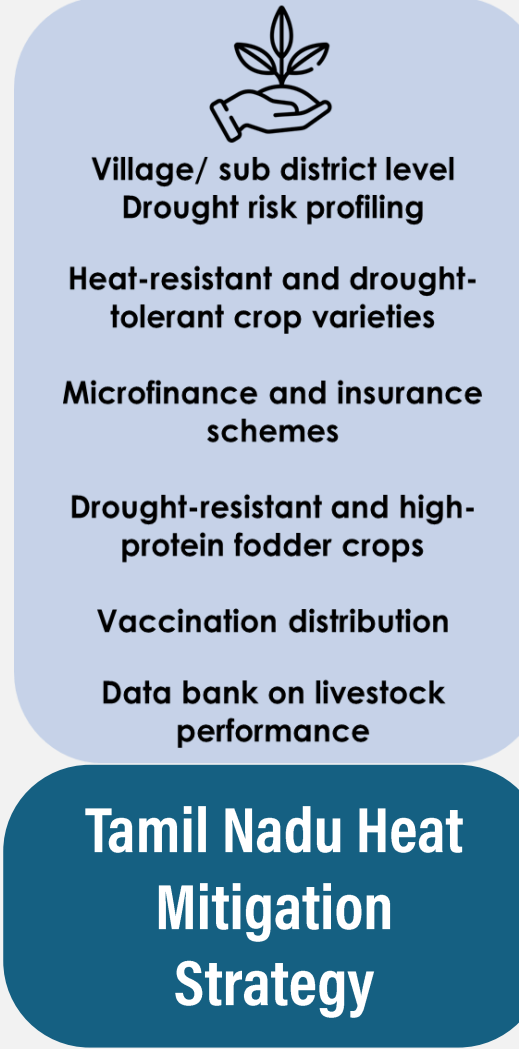
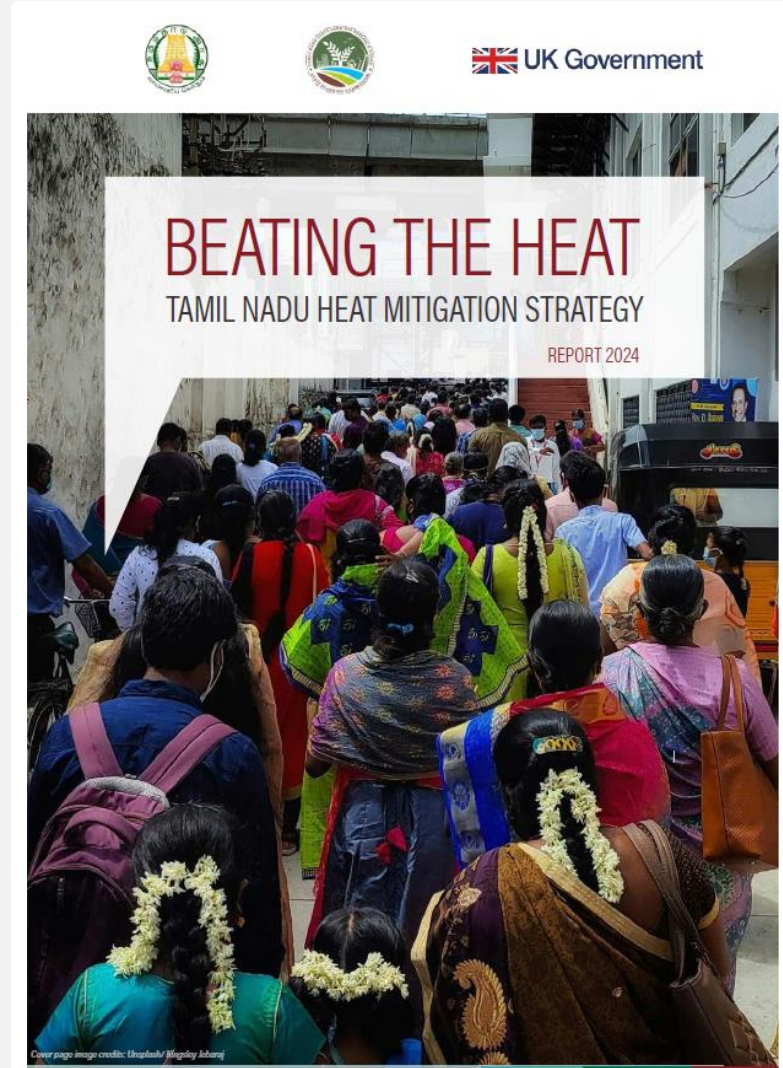
Asia's first urban local body to release a climate budget - 1/3rd of the total capital expenditure budget is climate-aligned & is largely water resource management focused.



## Bengaluru municipal corporation is working to improve the city's water resilience as part of the BCAP

City municipal corporation is conducting an ongoing initiative to collect data on open wells in the city using citizen participation techniques.

Scan the QR code for the full report



India's first state-wide heat mitigation strategy that focuses on food-water-energy, and human-animal-plant health nexus at both urban and rural scales.

The document shares strategies to combat variations in monsoons, droughts, rising temperatures, & urban heat island.