

# Effects of Heatwaves on Chinese Mental Health and Wellbeing Losses and damages

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## 1. Background

- **Heatwaves** are more intensive and frequent due to climate change.
- The resulting rising temperatures lead to individuals' **non-economic losses and damages (NELDs)** such as wellbeing and mental health problems MHPs .
- Heatwave-induced mental health problem has been widely recognized. The negative impacts can be either **direct or indirect, manifest** over short or

## 3. Research questions and preliminary findings

This research aims to answer the following questions:

- What does the current **research landscape** reveal about the intersection between heatwaves and mental health?

## 2. Research Gaps

- **Growing concerns** about the heatwaves' impact on mental health have become more pronounced, and several significant reports recognise its importance.
- There are **several research gaps** in terms of MHPs caused by heatwave:
  - there is a noticeable shortage of studies focusing on MHPs within the health system under the context of climate change
  - the geographic distribution is limited, with a particular need for more frequent and in-depth discussions on China
  - the impact of studies on mental health governance in response to climate change is limited
  - there is an absence of analysis on the empirical evidence of Chinese experience and perceptions of heat-related wellbeing and mental health NELDs.

