



University of
Strathclyde
Humanities &
Social Sciences

Active Design: How we can all achieve sustainable solutions for Ageing and Social Care

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A Hot Topic

BBC Sign in Home News Sport Weather iPlayer

NEWS

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UK | England | N. Ireland | Scotland | Alba | Wales | Cymru | Isle of Man | Guernsey | Jersey | Local News

September heatwave sets new record

3 hours ago



BBC Sign in Home News Sport Weather iPlayer

NEWS

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World | Africa | Asia | Australia | Europe | Latin America | Middle East | US & Canada

US heatwave: Scorching heat strains US air conditioning capacity

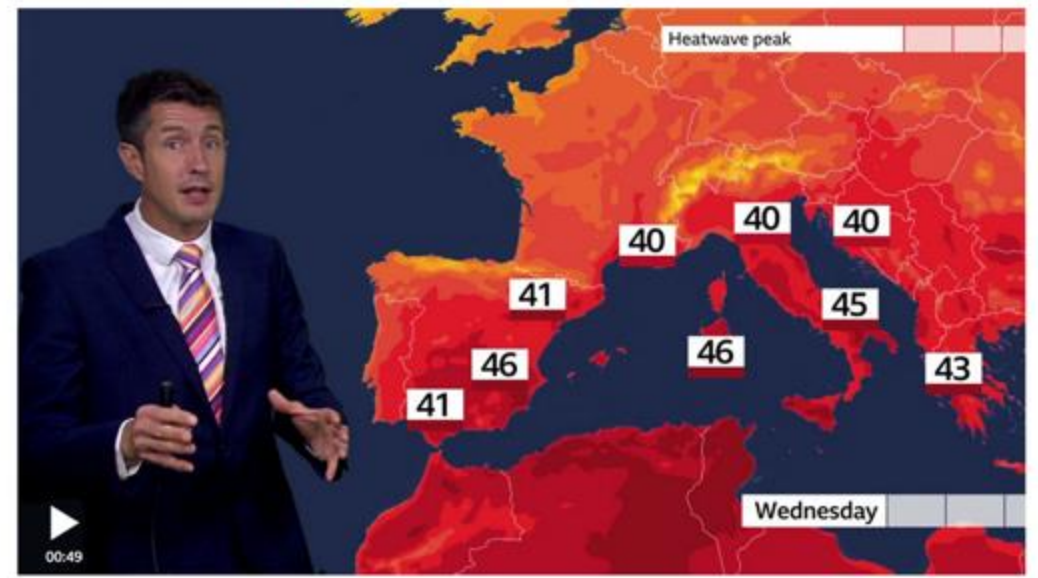
28 July

BBC Sign in Home News Sport Weather iPlayer Sounds

NEWS

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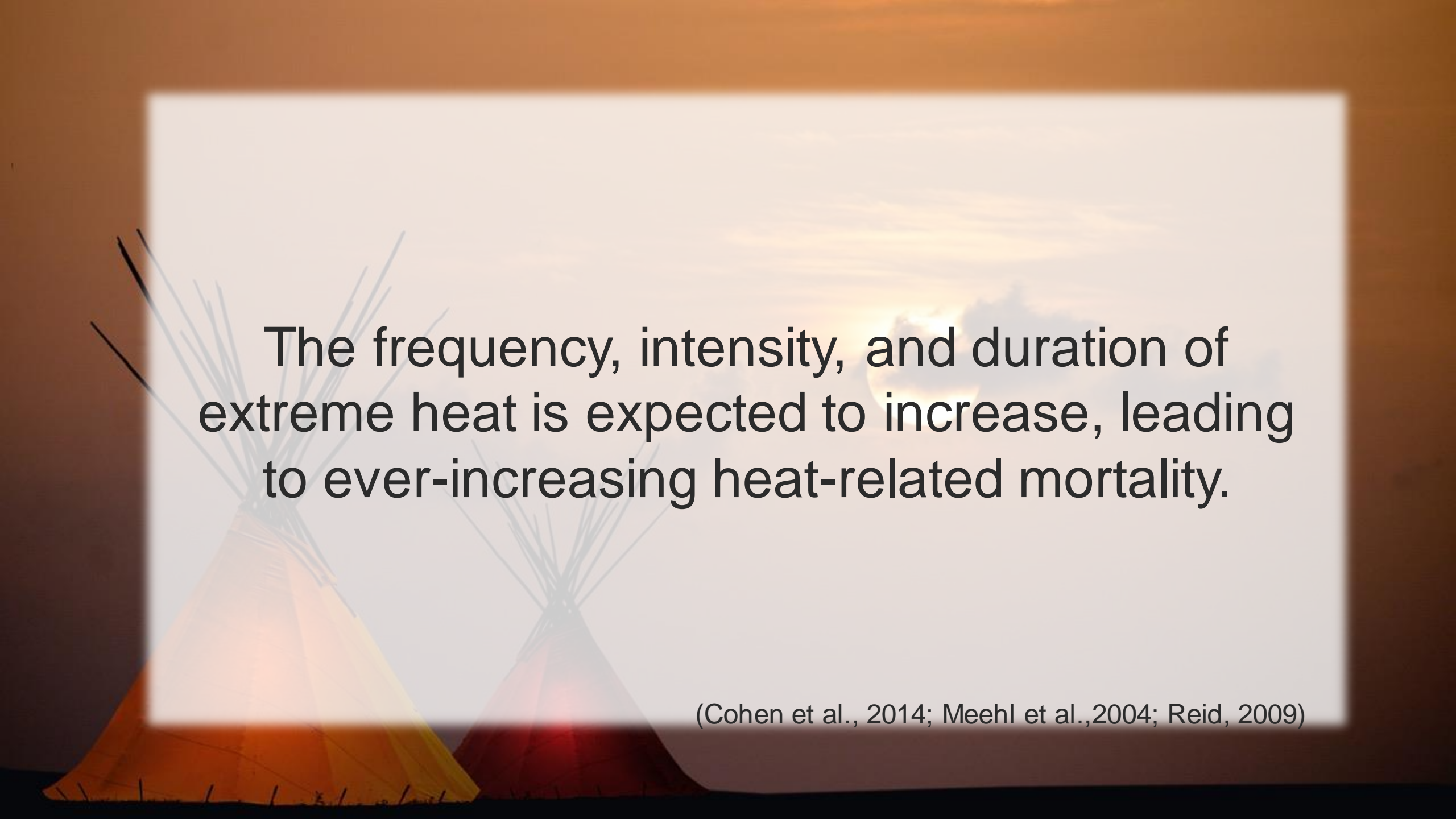
World | Africa | Asia | Australia | Europe | Latin America | Middle East | US & Canada



How hot will it get in southern Europe heatwave today?

BBC Weather's Chris Fawkes has the latest forecast as a heatwave sweeps across southern Europe, bringing scorching temperatures to countries such as Spain and Italy.

Europe - 18 July

The background features a warm sunset scene with a bright sun partially obscured by clouds, casting a golden glow. In the foreground, two teepees are visible: one on the left with a yellow and orange base, and one on the right with a red base. The entire scene is framed by a white rectangular area that contains the main text.

The frequency, intensity, and duration of extreme heat is expected to increase, leading to ever-increasing heat-related mortality.

(Cohen et al., 2014; Meehl et al., 2004; Reid, 2009)

Older adults are among those most vulnerable to heat-related death and living standard risks.



Older adults are among those most vulnerable to heat-related death and living standard risks.

Physical vulnerability

- reduced physiological resilience
- higher prevalence of chronic health conditions
- increased susceptibility to heat-related illnesses and complications.

Socio-economic vulnerability

- limited financial resources
- reduced access to social support systems
- limited mobility
- challenges in adapting to changing conditions



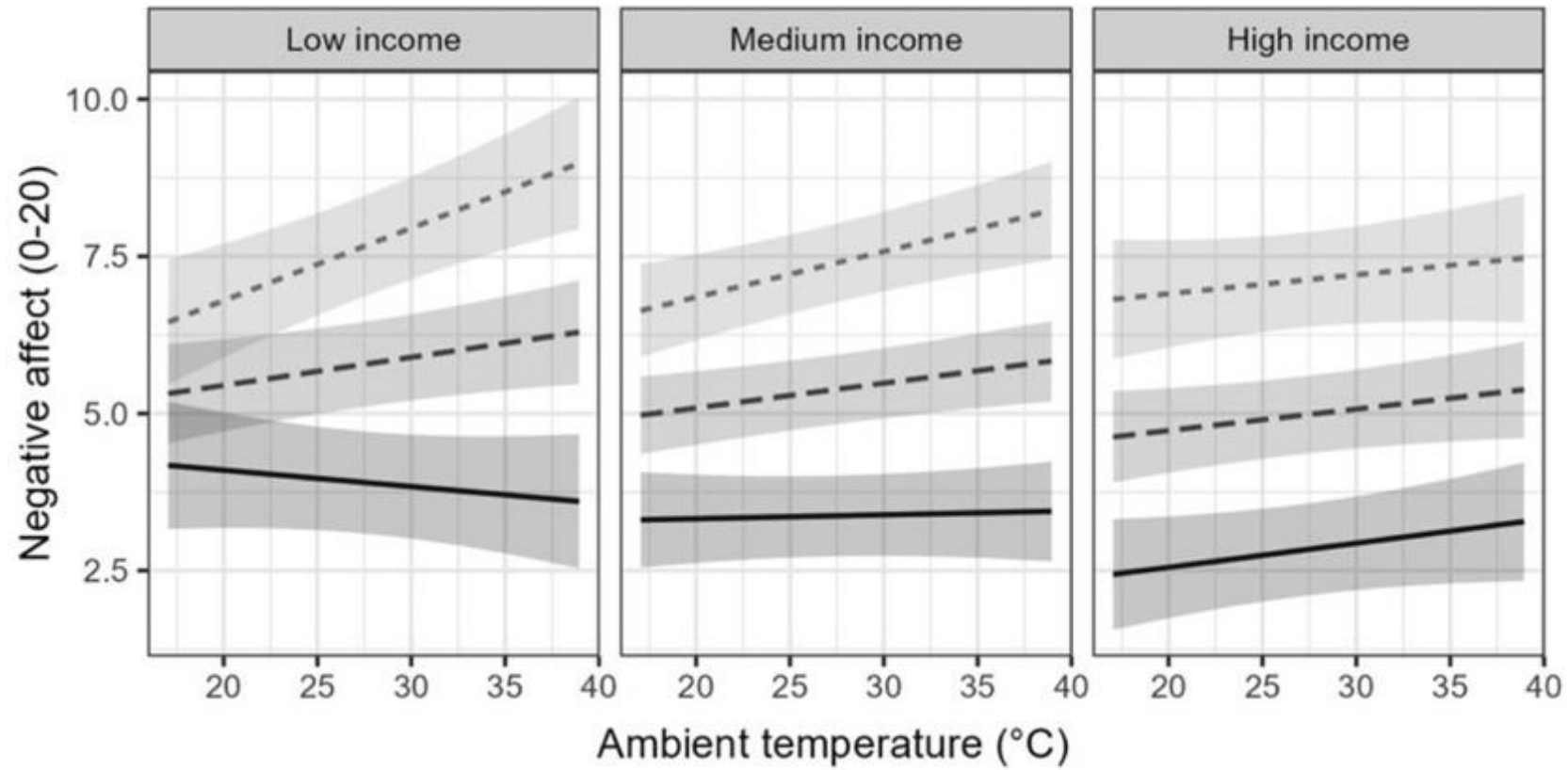
**Case 1:
Community-dwelling older
adults in Hong Kong**

< 50%

used the Hong Kong Observatory's official website or app to access climate-related information

> 80%

held false heat-related beliefs, such as opening windows during the hottest time of the day



Between-level meaningful engagement ····· Low - - - - Medium — High



A close-up photograph showing a person's hand being held by another person. The hand being held is resting on a white, textured surface, likely a bedsheet. The background is blurred, showing a person in blue scrubs standing in a brightly lit room, possibly a nursing home or hospital ward. The overall tone is warm and supportive.

**Case 2:
A nursing home in
Scotland**

Emerging themes

Lack of awareness or training

Cultural lag

Lack of resources

Individual differences in need

Conflict with typical practice



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