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### Heat and health

Published: August 19, 2021

#### Executive Summary

Hot weather and heat extremes harm human health, with poverty, ageing, and chronic illnesses as aggravating factors. As the global community contends with even hotter weather in a changing climate, there is a pressing need to better understand the most effective prevention and response measures, particularly in low-resource settings. In this two-paper series, the physiological, social, and environmental factors that contribute to individual heat vulnerability, and the megatrends affecting future heat-related morbidity and mortality at the population level, are comprehensively reviewed. Solutions to address the physiological heat strain that underlies the negative health effects of heat extremes and hot weather, which can be employed across a range of settings at individual, building, and landscape scales, are presented.

#### Editorial

##### Health in a world of extreme heat

*The Lancet*, Vol. 398, No. 10301

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##### Ollie Jay: managing heat, improving health

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##### Hot weather and heat extremes: health risks

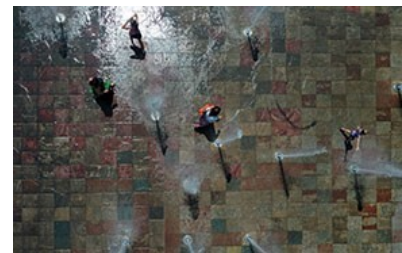
*The Lancet*, Vol. 398, No. 10301

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##### Reducing the health effects of hot weather and heat extremes: from personal cooling strategies to green cities

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Infographics: Staying cool sustainably

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