

Climate Change Bulletin

**Outputs from key organisations and new evidence
relating to the impact on health equity of climate
change in Scotland and beyond**

August 2025



Translations



Easy read



BSL



Audio




Large print



Braille

Translations and other formats are available on request at:

 phs.otherformats@phs.scot

 0131 314 5300

Public Health Scotland is Scotland's national agency for improving and protecting the health and wellbeing of Scotland's people.

© Public Health Scotland



This publication is licensed for re-use under the [Open Government Licence v3.0](#).

For more information, visit www.publichealthscotland.scot/ogl

www.publichealthscotland.scot

Contents

Recent journal articles (from Medline)	3
Recent social policy and practice publications (from Idox)	6
Recent reports and news (grey literature)	7
Disclaimer	7
Contact	8

Recent journal articles (from Medline)

A selection of publications from the last month relating to areas of interest about climate change and health. Search criteria are available upon request from Knowledge Services and will be reviewed regularly to consider appropriateness and/or new areas of interest.

The searches are undertaken by PHS Knowledge Services. If you need any help with obtaining the full text of any of the articles, please contact

phs.knowledge@phs.scot

- Alcayna T, Rao VB and Lowe R. **Identifying the climate sensitivity of infectious diseases: a conceptual framework.** Lancet Planet Health 2025; : 101291. 2025/08/02.

- Bhugra D. **Climate change and its impact on mental health.** Neuropsychiatr 2025; 2025/08/04.

- Caraballo-Betancort AM, Marcilla-Toribio I, Notario-Pacheco B et al. **Health professionals' perceptions of climate change: A systematic review of qualitative studies.** Public Health 2025; 245: 105773. 2025/08.

- Cerceo E. **The climate crisis in clinical practice: Addressing air pollution, heat, and microplastics.** Eur J Intern Med 2025; : 106435. 2025/08/04.

- Chandipwisa C, Uwishema O, Debebe A et al. **Climate change and the global food chain: a catalyst for emerging infectious diseases?** Int J Emerg Med 2025; 18: 149. 2025/08/11.

- Chen J, Deng S, Xu X et al. **Regional and type-specific variations in the global seasonality of human parainfluenza viruses and the influence of climatic factors: a systematic review and meta-analysis.** Lancet Glob Health 2025; 13: e1425–e1435. 2025/08.

- Deza-Cruz I, de Menezes A, Gardner B et al. **Mapping the evidence of the effects of environmental factors on the prevalence of antibiotic resistance in the non-built environment.** Environ Int 2025; 202: 109634. 2025/08.
- Ergün Süzer N, Aydın OF and Yılmaz S. **Effect of average heat index on the diagnosis of amoebic diarrhea in emergency departments: A climate change perspective study.** Disaster Med Public Health Prep 2025; 19: e231. 2025/08/11.
- Fanzo J, Carducci B, Louis-Jean J et al. **Climate change, extreme weather events, food security, and nutrition: evolving relationships and critical challenges.** Annu Rev Nutr 2025; 45: 335–360. 2025/08.
- Fay RL, Glidden CK, Ciota AT et al. **The impact of climate change on transmission season length: West Nile virus as a case study.** BioRxiv 2025; 2025/08/02.
- Fernandez ACG, Pelnekar S, Robinson JF et al. **Climate change and reproductive health.** Endocr Rev 2025; 2025/08/04.
- Gould CF, Heft-Neal S, Heaney AK et al. **Temperature extremes impact mortality and morbidity differently.** Sci Adv 2025; 11: eadr3070. 2025/08.
- Gupta AK, Thornbush M and Wang T. **Climate change, natural disasters, and cutaneous fungal infections.** Int J Dermatol 2025; 64: 1349–1355. 2025/08.
- Hantel A, Senay E, Hlubocky FJ et al. **The ethics of climate change and health-care delivery: a national survey of US-based physicians.** Lancet Planet Health 2025; : 101289. 2025/08/11.
- Hart WS, Hurrell JW, Kaye AR et al. **Climate variability amplifies the need for vector-borne disease outbreak preparedness.** Proc Natl Acad Sci USA 2025; 122: e2507311122. 2025/08/26.
- Jacinto S. **The impact of climate change on neuroinfectious diseases.** Curr Opin Neurol 2025; 38: 422–428. 2025/08/01.

- Lin E, Hussain MJ, Hunter K et al. **Addressing climate change concerns in pediatric health care settings: exploring parental and physician perspectives.** Environ Int 2025; 202: 109661. 2025/07/05.
- McGrath SP and Kim KK. **Innovation at the Intersection of Health, Climate, Food, and AI: Insights from a Collaborative Workshop.** Stud Health Technol Inform 2025; 329: 2034–2035. 2025/08/07.
- Mir U, Khan MS, Kifayat S et al. **Climate change and public health in low- and middle-income countries: the critical role of health professionals.** Postgrad Med J 2025; 2025/08/11.
- Morris NB, Barnes M, Rybarczyk A et al. **Digital technologies for climate-related health education, behavior and risk reduction: a systematic scoping review.** npj Digital Med 2025; 8: 498. 2025/08/02.
- Murray L, Vyas A, Reweti A et al. **Health equity in a climate-altered world.** Aust N Z J Public Health 2025; 49: 100257. 2025/08.
- Pershad AR, Krishnan R, Lee E et al. **How climate change is impacting allergic rhinitis: A scoping review.** Laryngoscope 2025; 135: 2670–2682. 2025/08.
- Qi T, He C, Ren Q et al. **Climate change will make increasing people less comfortable: Insights from the weather preference index.** J Environ Manage 2025; 393: 126949. 2025/08/12.
- Reichelt P, Schumacher A, Meyer N et al. **Climate change and child health: The growing burden of climate-related adverse health outcomes.** Environ Res 2025; 285: 122502. 2025/08/07.
- Rice MB, Thurston GD, Flanigan SS et al. **Health and economic benefits of energy, urban planning, and food interventions that lower greenhouse gas emissions.** Environ Epidemiol 2025; 9: e404. 2025/08.
- Salloch S. **Ecological preferences and patient autonomy.** J Med Ethics 2025; 51: 609–613. 2025/08/20.

- Shin ED, Hemstreet R, Alexeeff S et al. **A healthcare system's path to carbon neutrality: addressing climate change and role of the health care**. AJPM Focus 2025; 4: 100377. 2025/08.
- Shokoohi H, Liteplo AS, Montoya K et al. **Climate-Smart Diagnostic Medical Imaging and Point-of-Care Ultrasound: An Evidence-Based Perspective**. J Emerg Med 2025; 75: 150–157. 2025/08.
- Treskova M, Semenza JC, Arnés-Sanz C et al. **Climate change and pandemics: a call for action**. Lancet Planet Health 2025; : 101302. 2025/08/11.
- Ubalde J, Bradshaw CJA, Le Souëf PN et al. **Climate change policies fail to protect child health**. Global Health 2025; 21: 47. 2025/08/12.
- Uras F. **Sustainable healthcare and medical laboratories: The impact of global collaborations between frameworks and initiatives**. Clin Biochem 2025; 138: 110945. 2025/08.
- Wu X, Wang J, Ge Y et al. **Future heat-related mortality in Europe driven by compound day-night heatwaves and demographic shifts**. Nat Commun 2025; 16: 7420. 2025/08/11.

Recent social policy and practice publications (from Idox)

The Idox Knowledge Exchange is a repository of information relating to public and social policy and practice. Register for access [here](#). Below are this month's results from a broad climate change search focussing on publications relating to climate change factors that will have impact within Scotland and the UK.

- Autonomy Institute. **On the horizon: climate-induced inflation and the price of food**. July 2025.
- Department for Energy Security and Net Zero. **Health impacts of net-zero housing in England**. July 2025.

- Grantham Research Institute on Climate Change and the Environment. **Climate change tripled heat-related deaths in early summer European heatwave.** August 2025.
- Scotland's Centre of Expertise for Waters. **Exploring the use of artificial intelligence for flood forecasting in Scotland.** August 2025.

Recent reports and news (grey literature)

A rundown of publications from key public health organisations within the last month.

- UK Health Alliance on Climate Change. **A degrowth world seems impossible to imagine. Could we use health to shift public opinion?** UKHACC, 21 August 2025.
- UK Health Alliance on Climate Change. **UKHACC Bulletin August 2025.** UKHACC, 15 August 2025.
- World Health Organization and World Meteorological Organization. **Climate change and workplace heat stress.** WHO & WMO, 22 August 2025.
- World Meteorological Organization. **Extreme heat impacts millions of people.** WMO, 07 August 2025.
- World Meteorological Organization. **Devastating floods highlight need and challenges for warnings.** WMO, 06 August 2025.

Disclaimer

All reasonable care is taken to ensure that the information we provide is accurate and we accept no responsibility for the content provided. The information provided is selective; however, the inclusion of a link does not imply approval of the contents of the website.

This is not meant as an exhaustive list of publications on these topics for the given time period, but rather a selection as seen most relevant.

Contact

Knowledge Services

phs.knowledge@phs.scot