

# **Climate Change Bulletin**

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

Publication date: February 2026

**This bulletin is produced every month by PHS Knowledge Services on behalf of the PHS Climate Change and Sustainability Cross Organisation Group.**

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## Recent journal articles (from Medline)

A selection of publications from the last month relating to areas of interest relating to 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](mailto:phs.knowledge@phs.scot)

1. Abbasi E. **Climate Change and Vector Ecology: A Comprehensive Review of Environmental Drivers of Insect-Borne Disease Dynamics and Public Health Implications**. Exp Parasitol 2026; :109115. 2026/02/11.
2. Agusti A, Kirk A, Panigone S et al. **Climate change and respiratory health: implications for respiratory clinicians in primary and specialist care**. NPJ Prim Care Respir Med 2026; 2026/02/21.
3. Belova A, Munson K, Keeler D et al. **Projecting and valuing climate change impacts on anxiety and depression in the contiguous USA: a damage function approach**. Lancet Planet Health 2026; :101426. 2026/02/20.
4. Bhutta ZA, Wolff C, Chopra M et al. **Strengthening immunization and health systems to counter effects of climate change**. Vaccine 2026; 73:128168. 2026/02/15.
5. Boyer L, Marraud L, Boussat B et al. **Climate change and health: transforming health systems and services for resilience and preparedness**. Anaesth Crit Care Pain Med 2026; :101792. 2026/02.
6. Chen X, Hoek G, Frijters P et al. **Toward integrating subjective well-being in environmental health impact assessments for healthy urban living: a conceptual and methodological exploration**. Environ Int 2026; 208:110067. 2026/02.

7. Çolak M, Karakaya T. **The relationship between environmental literacy and climate change awareness of nurses working in pediatric clinics.** J Pediatr Nurs 2026; 88:61–71. 2026/02/18.
8. Ganji F, Sampedro J, Liu L et al. **Disparities in ambient air pollution exposure among the U.S. population amid climate change.** iScience 2026; 29:114603. 2026/02/20.
9. Ghebrehewet S, McNee R. **Climate change as the next pandemic: the imperative for climate conscious healthcare and public health practice.** J Public Health (Oxf) 2026; 2026/02/24.
10. Grover P, Verduzco-Gutierrez M, Annaswamy T. **A socioecological approach to understanding and positively affecting the intersectionality between disability, race and ethnicity, climate change, and rehabilitation outcomes: A scoping review.** PM R 2026; 18 Suppl 1:S35–S44. 2026/02.
11. Hampson N, Fitzpatrick LM, Eii MN. **Pharmacy education for sustainable healthcare: a UK progress update and call to action.** Int J Pharm Pract 2026; 34:71–73. 2026/02/18.
12. Iriqat R, Herranen-Tabibi A, Sendar Z et al. **The overlapping effects of climate change and conflict on mental health of vulnerable populations: a scoping review.** Confl Health 2026; 20. 2026/02/03.
13. Johansen KB, Esbech PS, Helland JF et al. **The climate impact of medicines in the hospital sector: A scoping review.** Basic Clin Pharmacol Toxicol 2026; 138:e70193. 2026/02.
14. Jones EM, Venkatachalam AM, Ifejika NL. **Weathering the storm: Effect of climate change on acute stroke care and stroke rehabilitation.** PM R 2026; 18 Suppl 1:S67–S72. 2026/02.
15. Kalanxhi E, Laxminarayan R. **Climate change and antimicrobial resistance.** Nat Rev Microbiol 2026; 2026/02/06.

16. Karakullukcu S, Dilaver I, Gurcan F et al. **Climate change and water-related diseases: a bibliometric, knowledge map, topic modeling, and content analysis**. *J Water Health* 2026; 24:278–300. 2026/02/06.
17. Kilic S, Yilmaz SD. **The relationship between women’s climate change anxiety and their attitudes towards protecting reproductive health**. *Psychol Health Med* 2026; :1–16. 2026/02/05.
18. Kim S, Kim Y, Park J et al. **Leave no one behind: a call to include people with disabilities in climate change and health research**. *Lancet Planet Health* 2026; :101440. 2026/02/27.
19. Lozano-Montoya I, Ruiz-Huerta C, Gómez-Pavón FJ. **Climate change and the health of older adults in Europe: a call for a geriatric climate medicine framework**. *Eur Geriatr Med* 2026; 17:1–9. 2026/02.
20. Lu D, Kwan M-P. **Unveiling the contextual nonstationary effects of the built environment on individual air pollution exposure**. *Environ Int* 2026; 208:110054. 2026/02.
21. Magdy H, Shehata MG, Shaalan MG et al. **Climate change impacts on the global potential distribution of the human flea, *Pulex irritans*, and the global health risks**. *Sci Rep* 2026; 16:5944. 2026/02/10.
22. McGraw K, Lieberman-Cribbin W, Navas-Acien A. **Climate change and epidemiology: how will environmental stresses and the climate affect population health?** *Circ Popul Health Outcomes* 2026; :e012567. 2026/02/20.
23. Mohammed SY, Nashwan AJ. **Heat stress and kidney injury: A growing concern amidst climate change**. *Kidney Medicine* 2026; 8:101215. 2026/02.
24. Newberry DM. **The impact of climate change and environmental hazards on infant and maternal health**. *Adv Neonatal Care* 2026; 26:1–2. 2026/02/01.

25. Oehler RL, Rybolt L. **Addressing Climate Change Impacts on Vector-Borne Infectious Diseases: Can Artificial Intelligence Help?** *Am J Trop Med Hyg* 2026; 2026/02/10.
26. Peuskens H, Detraux JR, Catthoor K et al. **Association between climate change awareness-related psychological distress and mental health.** *Eur Psychiatry* 2026; :1–44. 2026/02/18.
27. Rosen L, Cerceo E, Chen C et al. **The Climate Health Curriculum Tool (CHCT).** *BMC Med Educ* 2026; 26:316. 2026/02/03.
28. Sabo K, Reid EP, Breakey S et al. **Equity in action: Advancing practice-ready nursing education through climate change-informed community clinical experiences.** *Nurs Outlook* 2026; 74:102713. 2026/02/20.
29. Shang X, Zheng J, Liu X et al. **Climatic factors drive global viral respiratory infections with regional heterogeneity.** *Environ Int* 2026; 208:110120. 2026/02/03.
30. Stacey G. **Introduction to exploring the nexus between nursing/midwifery education, planetary health, climate change and sustainable healthcare.** *Nurse Educ Today* 2026; 157:106922.
31. Stark S, Klanke M, Quitmann C et al. **Medical training on climate change and health.** *Gesundheitswesen* 2026; 2026/02/23.
32. Thornton AJ, Badger K, Robinson RFS et al. **Global policy review to identify links between climate change and antimicrobial resistance.** *Public Health* 2026; 253:106159. 2026/02/12.
33. Tremblay É, Harrisson S. **Bridging perspectives: young activists' stories and intergenerational dialogue on mental health and climate change in Canada.** *Cult Med Psychiatry* 2026; 50:16. 2026/02/15.
34. Vereen RJ, Krick J, Drumm CM. **Integrating climate vulnerability as a social determinant of health.** *Semin Perinatol* 2026; 50:152191. 2026/02.

35. World Health Organization; World Meteorological Organization. **Climate change and workplace heat stress: technical report and guidance**. *New Solut* 2026; 35:468–470. 2026/02.
36. Zhang K, Wang Q, Fu B et al. **Toward an AI foundation model integrating climate change, air pollution, socioeconomics, and human health**. *Environ Sci Technol* 2026; 60:4461–4465. 2026/02/17.
37. Zhong J, Gojamgunde T, Hall J et al. **Air quality and health co-benefits of bus electrification**. *Environ Int* 2026; 208:110066. 2026/02.
38. Zubair MD, Tuginova A, Mussabekova Z. **A study of medical students' perceptions and knowledge of climate change and its impact on health**. *Int J Adolesc Med Health* 2026; 38:61–71. 2026/02/01.

## 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.

- Just Transition Commission. **No time to lose: final report of Scotland's second Just Transition Commission 2022-26**. 2026.
- Brauholtz-Speight, T et al. **Debt and decarbonisation: making net zero housing truly affordable**. Tyndall Centre for Climate Change Research. 2026.

- Expert Advisory Group on Migration and Population. **Meeting Scotland’s workforce needs for a transition to Net Zero: the role of migration and the impact of demographic challenges - lessons for Scotland**. Scottish Government. 2026.

## Grey literature

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

- Climate Change Committee (CCC). **Progress in reducing emissions in Scotland – 2025 report to Parliament** (25 Feb 2026).
- UK Government / Environment Agency (gov.uk). **Climate Change Agreements: statutory guidance 2026** (24 Feb 2026).
- Met Office. **Atmospheric carbon dioxide rise to remain too fast to track global climate targets in 2026** (5 Feb 2026).
- European Environment Agency (EEA). **Overheated and underprepared: Europeans’ experience of living with climate change** (EEA Report 01/2026, 4 Feb 2026).
- WHO Europe. **EU climate Advisory Board to publish new report on strengthening resilience to climate change in Europe on 17 February** (4 Feb 2026)
- UK Health Security Agency (UKHSA). **How does cold weather affect health? Our new report explores the hidden impact** (18 Feb 2026).
- UK Health Alliance on Climate Change (UKHACC). **UKHACC Bulletin – February 2026** (13 Feb 2026).

## 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. This document is for internal use only.