

Climate Change Bulletin

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

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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

1. Achey RL, Manangan A, Fujii Y et al. **Increasing risk of stroke with increased climate vulnerability: Assessing stroke burden and access to health care according to the climate vulnerability index in the United States**. J Stroke Cerebrovasc Dis 2026; 35: 108632. 2026/05.
2. Açıkgöz Ö and Soylar P. **Environmental health literacy and climate change anxiety among teachers: the mediating role of ecological footprint awareness**. Int J Environ Res Public Health 2026; 23. 2026/05/21.
3. Adeyanju GC, Abreu L, Schrage P et al. **Health-seeking amid conflict and climate stress: how climate disaster shapes maternal and child healthcare behavior in fragile and conflict-affected settings**. BMC Health Serv Res 2026; 26. 2026/05/20.
4. Ajith A. **Supporting GP practices to decarbonise using Green Impact for Health**. Br J Gen Pract 2026; 76. 2026/05/14.
5. Albadrani MS. **The impacts of climate change on women's reproductive and sexual health: a systematic review**. Reprod Health 2026; 2026/05/27.
6. Baker RE, Stamper AR, Burrows HA et al. **Climate change and infectious diseases**. Nat Med 2026; 32: 1634–1645. 2026/05/20.

7. Bellampalli R, Mills JD, Vakrinou A et al. **Genetic susceptibility to heat identifies rare neurological diseases at particular risk from climate change impacts.** J Neurol Neurosurg Psychiatr 2026; 97: 470–478. 2026/05/14.
8. van den Berg S, van der Stadt D, Shahbazi Khamas S et al. **Climate change and child health in Europe: a scoping review of emerging impacts.** Eur J Pediatr 2026; 185. 2026/05/05.
9. Bhaumik S. **Justice in priority-setting for research on health and climate change.** Bull World Health Organ 2026; 104: 357–359. 2026/05/01.
10. Bodnariuc N, Markl M, Cook T et al. **Climate change and globally sustainable cardiovascular magnetic resonance.** Magn Reson Imaging Clin N Am 2026; 34: 287–297. 2026/05.
11. Borhani M, Nourani V and Wen H. **Climate change and infectious diseases: breaking the poverty-disease-environment trap.** Infect Dis Poverty 2026; 15. 2026/05/10.
12. Bower M, Filia K, Lawrance EL et al. **Climate change and social health.** Nat Hum Behav 2026; 2026/05/15.
13. Butler SJ, Digby GC, Roy C et al. **Understanding inhaler users' perceptions of climate change and inhaler carbon footprints: insights from a Canadian survey.** BMJ Open Respir Res 2026; 13. 2026/05/08.
14. Cebeci F, Reyes MES, Innocenti M et al. **Eco-Anxiety Without Borders: A Cross-National Study on Climate Perceptions, Beliefs About Government Climate Action, and Climate Concern.** Int J Soc Psychiatry 2026; 72: 657–667. 2026/05.
15. Choa E, Vlahov D, Sarkar S et al. **Climate Change and Mental Health Burden among Caregivers in California.** Gerontologist 2026; 2026/04/21.
16. Çiçek S and Karakoç H. **The effect of “Green Future with Midwife’s Hand” climate change animation on mothers’ climate change awareness and**

behaviors: A randomized controlled study. Midwifery 2026; 160: 104856. 2026/05/08.

17. Clements JM. **Modeling climate change health outcomes using ICD-10 “exposure to forces of nature” diagnosis codes.** Int J Environ Health Res 2026; 1–10. 2026/05/22.

18. Corzo-Leon DE. **Pulmonary fungal infections in the age of biologics and climate change.** Curr Opin Pulm Med 2026; 32: 147–155. 2026/05/01.

19. Davariniamotlaghquchan A, Niazmand Z, Shafiee M et al. **Impacts of climate change on mental health and its underlying mechanisms: an umbrella review.** Ann Gen Psychiatry 2026; 2026/05/13.

20. Faverio P, Capuano V, Franco G et al. **Impact of climate, air pollution, and urbanization on chronic respiratory infections.** Expert Rev Respir Med 2026; : 1–13. 2026/05/25.

21. Güney S, Sarıköse S, Sengul T et al. **Academics’ perspectives on climate change in nursing and midwifery education: A mixed-methods study.** Nurse Educ Today 2026; 160: 106986. 2026/05.

22. He W-Q, Dey C, Li C et al. **Heat exposure and hospital admissions for mental health disorders in a changing climate.** J Am Acad Child Adolesc Psychiatry 2026; 2026/05/08.

23. Howell EP, Jones SI, Gray B et al. **Accelerating climate action to promote reproductive health: why? who? how?** Am J Obstet Gynecol 2026; 234: 1355–1361. 2026/05.

24. M Montoro-Ramírez E, López-Medina IM, Puente-Fernández D et al. **Environmental competencies in nurses and undergraduate nursing students related to the effects of climate change on older people’s health.** Nurs Rep 2026; 16. 2026/05/08.

25. Marcolini F, Rocholl JK, Tempia Valenta S et al. **Eco-Anxiety in the Younger Generation: Mental Health Impact of Climate Change Across Age Groups in a Blood Donor Sample**. *Int J Soc Psychiatry* 2026; 72: 687–700. 2026/05.
26. Marcus H. **Climate change-related migration and displacement: addressing the adaptation gap**. *Lancet Planet Health* 2026; 101462. 2026/05/04.
27. Mein SA, Khadke S and Ganatra S. **Air pollution and cardiovascular health**. *Jacc* 2026; 87: 2843–2845. 2026/05.
28. Mokhtar P, Riera Monroig J, Kranyak A et al. **Environmental and neighborhood determinants of psoriasis: A systematic review of pollution, built environment, and socioeconomic vulnerability on psoriasis**. *Dermatol Ther (Heidelb)* 2026; 16: 2377–2392. 2026/05.
29. Newman C. **Broadening metrics in the Lancet Countdown on health and climate change**. *Lancet* 2026; 407: 1784–1785. 2026/05.
30. Nosrat C, Foley A, Halvorson RT et al. **Climate change and the operating room: perceptions of orthopaedic surgeons on environmental sustainability**. *leader* 2026; 2026/05/14.
31. Parameswaran G, Al-Kindi S and Rajagopalan S. **Climate change and non-communicable diseases: An invisible syndemic**. *PLoS Med* 2026; 23: e1005082. 2026/05/08.
32. Parker J. **The agents of climate justice in healthcare**. *Bioethics* 2026; 2026/05/10.
33. Petrova M, Burrows F, van der Scheer JW et al. **Prototype of an organising framework for healthcare decarbonisation research: an exploratory classification study**. *BMJ Open* 2026; 16: e111213. 2026/05/07.
34. Piggott T, Saadat P, Herrmann A et al. **Integrating planetary health in health guidelines (GRADE guidance 46)**. *Ann Intern Med* 2026; 2026/05/12.

35. Pramono A, Nguyen TT, Weissman A et al. **Gender-just reductions in greenhouse gas emissions in maternity care services through the “baby-friendly hospital initiative”: a scoping review**. *Int Breastfeed J* 2026; 2026/05/12.
36. Qaisar R, Ahmad F and Karim A. **Climate change and sarcopenia: mechanisms, vulnerabilities, and public health implications**. *Calcif Tissue Int* 2026; 117. 2026/05/08.
37. Rajzer M, Wojciechowska W, Januszewicz A et al. **The impact of environmental pollution and climate change on hypertension: a position paper by the European Society of Hypertension (ESH) Working Group on Environment in Hypertension**. *Cardiovasc Res* 2026; 122: 835–857. 2026/05/22.
38. Samuel G and Lucivero F. **Ethical and social difficulties of addressing environmental harms related to health research**. *Bull World Health Organ* 2026; 104: 342–349. 2026/05/01.
39. Scherer L, Cap S, Chiang C et al. **One Health benefits of five European countries adopting 1.5 °C lifestyles**. *Environ Int* 2026; 211: 110252. 2026/05.
40. Schiechtl E, Deisenrieder V, Bader M et al. **Resilience of adolescents and young adults towards climate-related stressors - a systematic review**. *BMC Public Health* 2026; 2026/05/21.
41. Scirocco T, Martini D, Agostoni C et al. **Pediatric health at the crossroads of climate change, food insecurity, and malnutrition**. *Adv Nutr* 2026; : 100658. 2026/05/13.
42. Shirali G-A, Jalilian H, Goudarzi G et al. **Strategies and interventions to reduce children’s vulnerability to climate change: a scoping review**. *BMC Public Health* 2026; 2026/05/13.
43. Sorensen C, Borghi J and Bauhoff S. **From crisis to strategy: mainstreaming climate risk in health systems planning**. *Health Aff (Millwood)* 2026; 45: 489–497. 2026/05.

44. Vaghefi AS, Bucher I, Senni CC et al. **Quantifying the financial burden of heat-related hospital admissions in Switzerland under a changing climate: A scalable analytical framework**. BMC Global Public Health 2026; 4. 2026/05/28.
45. Wang F, Xu Y, Wang H et al. **Human heat tolerance limits under prolonged exposure to extreme heat**. Environ Int 2026; 211: 110272. 2026/05.
46. Wheat S, Ebi KL, Hess JJ et al. **Aligning Health Policy With Climate Action: Evidence-Based Interventions To Decarbonize Care, Improve Climate Resilience**. Health Aff (Millwood) 2026; 45: 498–506. 2026/05.
47. Xue S, Kidd SA, Husain MI et al. **Linking climate change, global mental health and structural interventions: opportunities for research and action**. BJPsych Open 2026; 12: e129. 2026/05/11.
48. Yang H-Y, Chen S-C, Chang H-Y et al. **Climate vulnerability factors for temperature-related respiratory mortality: a nationwide two-stage time-series study from 2008 to 2021**. Environ Health 2026; 2026/05/23.

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.

- Shand, Wayne. **Adapting to a hotter UK: key risks and responses**. Heseltine Institute for Public Policy, Practice and Place. 2026 May 18.

Grey literature

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

- Climate Change Committee. **A well-adapted UK: The fourth independent assessment of UK climate risk**. London: Climate Change Committee; 2026 May 20.
- Climate Change Committee. **British way of life under threat from heat, flooding and drought**. London: Climate Change Committee; 2026 May 20.
- UK Health Alliance on Climate Change. **UKHACC news bulletin – May 2026** London: UK Health Alliance on Climate Change; 2026 May.
- World Health Organisation. **WHO launches advocacy, communications and partnerships plan on the health response to climate change, air pollution and energy poverty**. WHO. 2026 May 18.
- World Meteorological Organization. **Global annual to decadal climate update 2026–2035**. Geneva: World Meteorological Organization; 2026 May.

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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.