

# **Climate Change Bulletin**

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

**December 2025**



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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. Amin SM, El-Monshed AH, Khedr MA et al. **The Association between Emotional Responses to Climate Change, Antenatal Anxiety and Maternal-Fetal Attachment in Primigravida Women.** J Adv Nurs 2025; 81: 8242–8255. 2025/12.
2. Armstrong HE, Parker PC and Ortner CNM. **Emotions and climate change: The role of emotion regulation in climate action.** Emotion 2025; 25: 1958–1971. 2025/12.
3. Atallahjan A and Gittings L. **Reframing climate disasters through the lens of a climate necropolitics of health.** Int Health 2025; 2025/12/30.
4. Atta MHR, El-Sayed AAI, Taleb F et al. **The Climate-Asthma Connection: Examining the Influence of Climate Change Anxiety on Asthma Control and Quality of Life: A Multi-National Study.** J Adv Nurs 2025; 81: 8200–8217. 2025/12.
5. Augustin J, Gilge S, Appel H et al. **Climate Change, Air Quality, and Pollen Allergies—State of the Art and Recommendations for Research and Public Health.** Allergy 2025; 2025/12/20.
6. Baek S and Choi E-H. **Climate change health risks and workplace protective strategies for construction workers.** Sci Rep 2025; 2025/12/20.

7. Bahr E, Munson S, Wright T et al. **The role of the arts at the intersection of climate change and public health: findings from an international survey.** Arts Health 2025; 1–20. 2025/12/07.
8. Barik M, Buse K and Bhaumik S. **Diversity in leadership: analysing representation in global committees on climate and health.** Leader 2025; 9: 416–420. 2025/12/22.
9. Bayliss LT, Reifels L and Kölves K. **Suicidality in climate change and mental health research.** Lancet Planet Health 2025; 101399. 2025/12.
10. Bera M and Nag PK. **Trends in bioclimatic design strategies for climate change-induced heat stress mitigation based on a literature review.** Int J Biometeorol 2025; 69: 3243–3254. 2025/12.
11. Bhopal A, Rao S, Jouhaud R et al. **Climate change, migration, displacement, and health: past, present, and future.** Lancet 2025; 2025/12/17.
12. Bhutta ZA, Wolff C, Chopra M et al. **Strengthening immunization and health systems to counter effects of climate change.** Vaccine 2025; 73: 128168. 2025/12/31.
13. Çeleğen İ and Sarıöz A. **Climate-driven infectious disease risks: a global scoping review of epidemiological patterns, methodological gaps, and policy imperatives.** BMC Infect Dis 2025; 25: 1770. 2025/12/29.
14. Dhawan S, Kumar A, Mehta DS et al. **A review of airborne pollen and its interactions with air pollutants, urbanization, and climate change: implications for human health and monitoring gaps.** Curr Allergy Asthma Rep 2025; 25: 62. 2025/12/27.
15. van den Dool A, Evin SLP, Kim J et al. **Bridging the policy gap between climate change and antimicrobial resistance.** Lancet Planet Health 2025; 101409. 2025/12/26.

16. Ediz Ç and Uzun S. **The perspectives of nurses, as prominent advocates in sustainability, on the global climate crises and its impact on mental health.** J Adv Nurs 2025; 81: 8266–8280. 2025/12.
17. Ediz Ç, Yanık D, Okuyan CB et al. **The psychological impact of climate change: exploring the link between media induced indirect trauma and climate anxiety.** Psychol Health Med 2025; 1–16. 2025/12/31.
18. Ek C, Hébert JR, Friedman DB et al. **Climate change, racism, and food insecurity: cyclical impacts of stressors exacerbate health disparities.** J Racial Ethn Health Disparities 2025; 12: 4082–4093. 2025/12.
19. Gauthier GM, Pandey S, Sanchez V et al. **Posttraumatic stress disorder and climate change.** Clin Psychol Rev 2025; 122: 102662. 2025/12.
20. Gupta S, Babu P, Haldar D et al. **The intersection of climate change and cancer across global populations.** Cancer Epidemiol 2025; 99: 102926. 2025/12.
21. Heeren A and Clayton S. **Searching for the Goldilocks zone of climate anxiety.** Trends Cogn Sci 2025; 2025/12/23.
22. Henning A and Kache S. **Impact of the climate crisis on childhood health.** Pediatr Rev 2025; 46: 678–691. 2025/12/01.
23. Howell EP, Jones SI, Gray B et al. **Accelerating climate action to promote reproductive health.** Am J Obstet Gynecol 2025; 2025/12/05.
24. Ip N, Guillen Yangali AP, Bazan LC et al. **Reframing the climate anxiety focus ahead of COP30.** Lancet Planet Health 2025; 9: 101397. 2025/12/04.
25. Jacobson Vann JC. **Preparing graduate nursing students to lead nursing green teams.** J Adv Nurs 2025; 81: 8132–8159. 2025/12.
26. Jia Y and Turcu C. **Climate, health, and urban green infrastructure.** Int J Environ Res Public Health 2025; 22. 2025/12/09.

27. Karaoglu E and Kucuk Bicer B. **Medical students' knowledge and practices regarding skin cancer and climate change-related dermatological risks.** BMJ Open 2025; 15: e110670. 2025/12/30.
28. Klapper P, Kulasegaran-Shylini R, Dodgson A et al. **Climate change and diagnostic samples.** Public Health 2025; 249: 105983. 2025/12.
29. LeClair J, Dudek A and Zahner S. **Climate justice strategies implemented by public health nurses.** J Adv Nurs 2025; 81: 8316–8330. 2025/12.
30. Levett-Jones T, Catling C, Cheer S et al. **Achieving consensus on essential knowledge and skills for climate and health education.** J Adv Nurs 2025; 81: 8281–8299. 2025/12.
31. Matsuda Y, Falcon A, Gukeisen I et al. **Perceptions towards climate change and environmental resilience among adults living with mental illness.** Int J Ment Health Nurs 2025; 34: e70175. 2025/12.
32. Mirandi M, Ghizzoni G, Garofalo C et al. **Development and Validation of the Climate Change Anxiety Scale-Short Form.** Clin Neuropsychiatry 2025; 22: 465–473. 2025/12.
33. Montoro-Ramírez EM, Parra-Anguita L, Álvarez-Nieto C et al. **Climate change effects in older people's health: A scoping review.** J Adv Nurs 2025; 81: 8066–8079. 2025/12.
34. Myhre SL, Frønsdal KB, Ames HMR et al. **A scoping review of climate resilient health system strategies in low-resource settings.** Public Health 2025; 249: 106026. 2025/12.
35. Nieder J, Quitmann C, Hueber S et al. **What makes physicians implement climate change and heat adaptation measures in outpatient practices?** Public Health 2025; 249: 106046. 2025/12.
36. Padilha A and Ghebreyesus TA. **Climate change threatens global health, but COP30 sparked hope.** BMJ 2025; 391: r2682. 2025/12/30.

37. Park MK, Baek S, Jeong DW et al. **Nurses' perceptions and behaviours regarding climate change and health.** *J Adv Nurs* 2025; 81: 8218–8229. 2025/12.
38. Patel KH and Ruskin KJ. **Is environmental sustainability compatible with patient safety?** *Curr Opin Anaesthesiol* 2025; 38: 748–753. 2025/12/01.
39. Patterson DW, Codd M, Guinto RR et al. **Human rights underpin climate action for global health and just transition.** *J Public Health (Oxf)* 2025; 47: i48–i55. 2025/12/18.
40. Phillips S, Patrick R and Kayak E. **Leadership and governance approaches to drive environmentally sustainable healthcare in high-income countries.** *Leader* 2025; 2025/12/24.
41. Pinho-Gomes A-C, Sorensen C, de Paiva Magalhães D et al. **Inclusion of climate change and planetary health in masters of public health curricula in the UK.** *Eur J Public Health* 2025; 35: 1156–1161. 2025/12/01.
42. Rangel T, Johnson SE, Joubert P et al. **Comparisons of healthcare personnel relating to awareness, concern, motivation, and behaviours of climate and health.** *J Adv Nurs* 2025; 81: 8191–8199. 2025/12.
43. Rempel H, Kalogirou MR, Dahlke S et al. **Understanding nurses' experience of climate change and climate action in Western Canada.** *J Adv Nurs* 2025; 81: 8182–8190. 2025/12.
44. Romanello M, Walawender M, Hsu S-C et al. **The 2025 report of the Lancet Countdown on health and climate change.** *Lancet* 2025; 406: 2804–2857. 2025/12/13.
45. Rothwell E and Groome J. **Health impacts of climate change and role of the health sector in mitigating carbon emissions.** *Urologie* 2025; 64: 187–192. 2025/12.



- 46.Sarıköse S, Sengul T and Güney S. **Nurse Managers' Awareness and Concerns About Climate Change and Leadership in Sustainable Healthcare Practices**. Int Nurs Rev 2025; 72: e70120. 2025/12.
- 47.Schenk E, Demorest S and Cook C. **Leadership challenge: health professionals are concerned, pessimistic, yet motivated about climate and health**. Leader 2025; 2025/12/31.
- 48.Schüz J, Soerjomataram I, Foerster M et al. **Climate change mitigation and synergies with primary cancer prevention in Europe**. J Natl Cancer Inst 2025; 117: 2432–2440. 2025/12/01.
- 49.Shan L, Wang N, Duan F et al. **Global heatwaves: A scoping review on the trend, characteristics, impacts on air pollution and health**. Environ Res 2025; 286: 122976. 2025/12/01.
- 50.Singh H, Weisz U, Andrew T et al. **The Lancet Commission on Sustainable Health Care measurement framework for advancing sustainable health care transformation**. Lancet Planet Health 2025; 101398. 2025/12/11.
- 51.Sultan HA. **Reframing climate change as core NHS leadership responsibility on boards**. Leader 2025; 2025/12/25.
- 52.Usher Am K, Rice K, Fatema SR et al. **Nurses on the frontline of health care in the escalating context of climate change**. J Adv Nurs 2025; 81: 8384–8387. 2025/12.
- 53.Walsh SJ, O'Leary A and Lynch M. **Planetary health and environmentally sustainable healthcare: perceptions of primary care practitioners in Ireland**. BMJ Open Qual 2025; 14. 2025/12/30.
- 54.Watson D, Hogg T, Crandon T et al. **Conceptualizing young people's experiences of climate change awareness**. Ann N Y Acad Sci 2025; 1554: 45–65. 2025/12.

55. Yi J and Yi Y. **Exploring influences of environmental information, beliefs and self-efficacy on nurses' climate health behaviours**. J Adv Nurs 2025; 81: 8160–8169. 2025/12.
56. Yopo Díaz M, Gómez Aguirre V and Watkins L. **From conception to care: a systematic review of the impact of the climate crisis on reproductive justice**. Sex Reprod Health Matters 2025; 33: 2576365. 2025/12/15.
57. Zieneldien T, Ma S, Tan IJ et al. **The environmental determinants of skin health: linking climate change, air pollution, and the dermatologic disease burden**. Int J Environ Res Public Health 2025; 22. 2025/12/04.

## 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.

- Sales de Aguiara et al. **Dialogic and agonistic possibilities and limits of visual accounting: an action research of carbon emission reporting in Scottish city council**. Public Management Review, 02 Dec 2025, pp1-28.
- Cheong, Ben Chester. **The ICJ's 2025 climate change advisory opinion: critical implications for UK environmental and planning law**. Journal of Planning and Environment Law, Vol 12 2025, pp1623-164.
- Department for Environment, Food and Rural Affairs (Defra). **Environmental Improvement Plan 2025**. Department for Environment, Food and Rural Affairs (Defra), 16-12-2025.

## Recent reports and news (grey literature)

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

- UK Parliament. Oral evidence: **Climate Change Committee**. Published 5 December 2025.
- Department for Environment, Food and Rural Affairs. **Environmental Improvement Plan 2025**. Published 1 December 2025.
- Department for Environment, Food and Rural Affairs. **Environmental Improvement Plan 2025 (PDF)**. Published December 2025.
- European Environment Agency. **Challenging outlook for meeting the EU's long-term environment and climate objectives**. Published 10 December 2025.
- Scottish Government. **NHS Scotland Climate Emergency and Sustainability Annual Report 2025**. Published 23 December 2025.
- UK Health Alliance on Climate Change. **UKHACC Bulletin – December 2025**. Published 12 December 2025.
- World Meteorological Organization. **State of the Global Climate 2025 – WMO Global Climate Report**. Published 1 December 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. This document is for internal use only.

## Contact

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