

Climate Change Bulletin

**New evidence relating to the impact on health equity of
climate change in Scotland and beyond**

July 2026

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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. Ali EA, Aerts R, Vaes B, Scheerens C, Beerten SG, Bruffaerts N, et al. **Synergistic impacts of heat, pollen, and air pollution on allergic rhinitis and asthma under climate change: A 20-year time-series study**. Environment International. 2026;213110330.
2. Ali M, Mayberry W, Achey R, Putaala J, Nouh A. **Environmental exposures and stroke risk: converging pathways, unequal burdens, and prevention opportunities**. Current Neurology and Neuroscience Reports. 2026;26(1)
3. Alhazmi Y, Kwok PCL, Tu HA, Haider KH, Saini B. **Healthcare professionals' awareness and practice regarding the environmental impact of inhalers: A scoping review**. Respiratory Medicine. 2026;261109069.
4. American College of Obstetricians & Gynecologists' Committee on Advancing Equity in Obstetric and Gynecologic Health Care. **The effects of climate change on obstetric and gynecologic health**. Obstetrics and Gynecology. 2026;148(1)e74–83.

5. Amos AJ, Rowe C. **Eco-anxiety and the collective action problem of climate change alarmism**. Australasian psychiatry: bulletin of Royal Australian and New Zealand College of Psychiatrists. 2026;10398562261466060.
6. Ataullahjan A, Gittings L. **Reframing climate disasters through the lens of a climate necropolitics of health**. International health. 2026;18(4)538–9.
7. Baecker L, Khan M, Iyengar U, Tadayon A, Mechelli A. **Extreme heat and mental health: systematic review and qualitative investigation of risk and protective factors**. Psychological Medicine. 2026;56e219.
8. Bam K, Thapa R, Mishra SR, Olaiya MT, Acharya K, Bhattarai N, et al. **Mitigating the effects of air pollution on cardiovascular diseases: community-based interventions for risk monitoring and communication**. The Lancet Planetary Health. 2026;101499.
9. Bayar Muluk N. **The dual challenge of climate change in otolaryngology: Environmental impacts on airway diseases and emission reduction strategies in surgical care**. International Journal of Biometeorology. 2026;70(8)
10. Berdida DJE, Fernandez AJ, Albacea LJA, Borja LMC, Funtanares CIJ, Grecia MCV, et al. **The mediating role of nursing students' eco-anxiety between climate change risk perception on human health and sustainability attitudes and awareness: A structural equation model**. Nurse education today. 2026;162107061.
11. Bhatt AH, Nimbalkar SM, Nimbalkar AM, Bharti LK. **Heatwaves and neonatal outcomes beyond preterm birth and low birth weight: A scoping review**. Journal of neonatal-perinatal medicine. 2026;19345798261450476.
12. Blake DM, Orr J, Morrison K, Tran A, Coleman PC, Turner GA, et al. **Public health risks from potable water supply disruptions during drought in high-income countries: A scoping review and policy implications for the United Kingdom**. International Journal of Hygiene and Environmental Health. 2026;276114859.
13. Bowen JM, Tilston NL. **Climate change and the growing threat of bunyaviruses**. Journal of Virology. 2026;e0177225.

14. Boyer L, Marrauld L, Boussat B, Zieleskiewicz L. **Climate change and health: transforming health systems and services for resilience and preparedness.** Anaesthesia critical care & pain medicine. 2026;101792.
15. Butner JL, Smith-Bernardin S, Roberson-Steele J, Madden B, Gruber VA, Tsui JI, et al. **The health impacts of climate change on people who use alcohol and other drugs: position statement of AMERSA, inc. (association for multidisciplinary education and research in substance use and addiction).** Substance Use & Addiction Journal. 2026;
16. Callaway KR. **Colin Carlson: Explaining how climate change affects ecological diversity and human health.** Scientific American. 2026;335(1)39.
17. Çelebi I, Sezer L, Balci E, Güney ME. **Mapping 25 years of research on climate change and occupational health: A bibliometric study (1999-2024).** Work (Reading, Mass). 2026;10519815261470416.
18. Cuevas-Sánchez C, Álvarez-Nieto C, López-Medina IM. **Environmental awareness and attitudes toward climate change among health professionals: an integrative review.** Public Health Nursing. 2026;
19. Dettori M, Deiana G, Palmieri A, Arghittu A, Castiglia P, Piana A, et al. **Rethinking dengue preparedness in the era of climate change, urbanisation, and digital health: A structured narrative review.** Medicina (Kaunas, Lithuania). 2026;62(7)
20. Dikici H, Adibelli D. **The relationship between climate change anxiety and sustainable consumption behaviors in adult women.** Public Health Nursing. 2026;
21. Dorner TE, Fastl C, Haider S, Capatu MT, Dankl K, Zeuschner V, et al. **Adaptations to Climate Change-Related Environmental Phenomena to Achieve Physical Activity Recommendations for Adults Aged 65 and Older.** Gesundheitswesen (Bundesverband der Ärzte des Öffentlichen Gesundheitsdienstes (Germany)). 2026;
22. Dorner TE, Schmidt AE, Capatu M, Sackl A, Spagl S, Lichtenecker R, et al. **Adaptation to climate change and climate protection in geriatric care for older people: strategies, infrastructure, and good practice examples.** Gesundheitswesen (Bundesverband der Ärzte des Öffentlichen Gesundheitsdienstes (Germany)). 2026;

23. Ebi KL, Krebs NF, Bellows AL, Shankar K, Chang AY, Kleinman R, et al. **Intersection of Climate and Environmental Change and Priority Health Outcomes Across the Life Course: Working Group 1 Report from the “Agriculture and Diet: Value Added for Nutrition, Translation, and Adaptation in a Global Ecology” (ADVANTAGE) Project.** *Advances in nutrition* (Bethesda, Md). 2026;17(7)100673.
24. Epelde F. **The Climate-Health Divide: How Climate Change Will Rewire Health Care Across High-, Middle-, and Low-Income Settings.** *International Journal of Environmental Research and Public Health*. 2026;23(7)
25. Garfin DR, Tao TJ, Zasiakina L, Lowe SR. **The mental health impacts of climate change across diverse global settings.** *Journal of Traumatic Stress*. 2026;
26. Grzybek M, Sironen T, Henttonen H, Lundkvist Å, Vapalahti O, Bogacka A, et al. **Hantavirus risk and preparedness in Europe in an era of climate change and global mobility.** *Clinical Microbiology and Infection*. 2026;
27. Heinken C, Muellmann S, Brand T, Behrens T, Casjens S, Spallek J, et al. **Heat exhaustion, domestic heat exposure and socioeconomic disparities among older adults: a cross-sectional mediation analysis from Germany.** *International Journal for Equity in Health*. 2026;25(1)
28. Hinckson E. **Metabolic health in a changing world: widening the lens to climate, cities, and place.** *Current opinion in clinical nutrition and metabolic care*. 2026;29(4)391–4.
29. Hlubek N, Vienneau D, Wagtendonk A, van den Brekel L, Vaartjes I, Koop Y. **Air pollution and mortality across socioeconomic groups in the Netherlands.** *Environment International*. 2026;213110351.
30. Holvoet E, Lokubal P, Chersich M, Filippi V, Jackson D, Lakhoo D, et al. **The impact of ambient heat on perinatal and neonatal health in the context of climate change: A scoping review.** *Current environmental health reports*. 2026;13(1)
31. Lansbury N, Redmond AM. **Did COVID show us how to address climate change? An infectious diseases physician and a climate-health researcher think so.** *Internal Medicine Journal*. 2026;

32. Lawrason SVC, Khan SU, Farrow A, Lavigne-Robichaud M, Ellis C, Amankwah N, et al. **Understanding the impact of climate change on mental health from a Canadian perspective: a scoping review.** *Health promotion and chronic disease prevention in Canada*. 2026;46(7–8)247–75.
33. Lechat B, Toson B, Scott H, Nguyen DP, Kaambwa B, Reynolds AC, et al. **How do we sleep while our beds are burning? High ambient temperatures are associated with substantial sleep loss.** *Sleep*. 2026;49(7)
34. Levy K, Kann RS, Carlton EJ. **Waterborne diseases and climate change.** *Nature Reviews Microbiology*. 2026;
35. Liu J, Kypridemos C, Collins B, Matthaios VN. **Impacts of extreme air pollution events on pregnancy outcomes: A systematic review.** *Environmental Research*. 2026;306(Pt 2)125242.
36. Loh MW-P, Kon MWR, Krishna A, Chan FHF, Griva K. **Medical students' perspectives on climate change, climate-health education, and professional identity: a qualitative study.** *BMC Medical Education*. 2026;
37. Markus HS. **The first-ever World Health Organisation (WHO) resolution on stroke, climate change and stroke, and do illicit drugs increase stroke risk.** *International Journal of Stroke*. 2026;21(6)732–4.
38. Minor K, Blume C, Prather A, Escobar Carias M, Mullins JT, Aylward B, et al. **A wake-up call for a global climate and sleep task force.** *Sleep*. 2026;49(7)
39. Murrins Marques L, de Jesus Ribeiro R. **Eco-affective one health: A public health framework for climate, emotion, and systemic resilience.** *Public Health*. 2026;256106303.
40. Othman AA, Alanazi FK, Abdelall HA, Ali HI. **Green intentions and advocacy in health care settings: boosting nurses' sustainability consciousness.** *Public Health Nursing*. 2026;
41. Richmond J, Mitchell C. **Beyond mitigation: Adaptation, policy and resilience for health services facing climate change.** *Journal of Health Services Research & Policy*. 2026;

42. Rodney-Wolf K, Eisenschmidt P, Schmitz J. **Scoping review: climate change-related anxiety and worry in children, adolescents, and young adults**. European Child & Adolescent Psychiatry. 2026;
43. Saad A, Khan M, Estol C, Wasay M, Kameda T, Ullberg T, et al. **Stroke and climate change: A World Stroke Organization scientific statement**. International journal of stroke: official journal of the International Stroke Society. 2026;21(6)742–58.
44. Sadati S, Arbabi H, Mayfield M. **Global urban impacts of future climate extremes: Projections of heatwaves, droughts, and floods**. Journal of Environmental Management. 2026;413130357.
45. Stabel LS, Kristensson D, Hasson H, Schettini G, Sävblom C, Mazzocato P. **The Green Planet: development and early evaluation of a novel method for climate actions in clinical practice**. BMC Health Services Research. 2026;26(1)
46. Tejani S. **Extreme heat, perinatal mental health and early infant care: the overlooked climate threat in low-resource settings**. Transactions of the Royal Society of Tropical Medicine and Hygiene. 2026;120(7)732–4.
47. Ugwu LE, Obuaku-Igwe C, Idemudia ES. **The impact of climate change on the mental health of the ageing population: a systematic review**. Aging & mental health. 2026;30(7)1429–43.
48. Varnaseri-Ghandeali M, Naboureh A, Ahmadi-Mazhin S, Khoobroou M. **Mapping the impacts of climate change on prehospital emergency medical services: protocol for a scoping review**. BMJ Open. 2026;16(7)e118418.
49. Vasilakos PN, Upadhyay A, Manousakas MI, Alastuey A, Allan JD, Alves CA, et al. **Rising dust pollution across Europe in a changing climate**. Nature. 2026;655(8123)647–54.
50. Villamañán E, Laorden D, Carpio C, De Las Vecillas L, Domínguez-Ortega J, Quirce S, et al. **Inhalers and climate change: A sustainable approach to severe asthma management**. Respiratory Medicine. 2026;258108851.

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.

- APS Group; Scottish Government. [Evaluation of the Climate Action Hubs Programme](#). Scottish Government. 2026.
- Averchenkova, Alina et al. [Institutional innovations for future generations: the experience of climate change](#). International Institute for Democracy and Electoral Assistance (International IDEA). 2026.
- Davis, Celia. [Local plans and the climate crisis: the gap between ambition and action in England](#). Royal Town Planning Institute (RTPI). 2026.

Grey literature

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

- Climate Change Committee. [Response to the government's new climate adaptation package](#). London: Climate Change Committee; 2026 Jul 13.
- European Environment Agency. [Climate](#). Copenhagen: European Environment Agency; modified 2026 Jul 9.
- Department for Energy Security and Net Zero. [Interministerial Group for Net Zero, Energy and Climate Change communiqué: 1 July 2026](#). London: GOV.UK; 2026 Jul 27.
- Public Health Scotland. [Further information and useful links: adverse weather and health](#). Edinburgh: Public Health Scotland; updated 2026 Jul 1.

- Public Health Scotland. [NHS carbon emissions dashboard](#). Edinburgh: Public Health Scotland; updated 2026 Jul 16.
- UK Health Security Agency. [What is the impact of climate change and adverse weather on summers in the UK?](#). London: UK Health Security Agency; 2026 Jul 10.
- UK Health Security Agency. [Why severe wildfires are becoming more frequent in the UK and how to cope with the health risks](#). London: UK Health Security Agency; 2026 Jul 14.
- UK Health Alliance on Climate Change. [UKHACC Newsletter July 2026](#). London: UK Health Alliance on Climate Change; 2026 Jul 10.

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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.

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