

# **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](mailto:phs.knowledge@phs.scot)

1. Abadi AM, Brumfield KD, Usmani M et al. **Developing Scenario-Based Strategies for Health, Climate, and Environmental Preparedness: The One Health, One Earth Approach**. *GeoHealth* 2026; 10: e2025GH001674. 2026/04/01.
2. Accurso G, Corpora G, Profera L et al. **Climate change, migration, and infectious disease vulnerability at Europe's southern border: Lampedusa as a sentinel interface**. *Travel Med Infect Dis* 2026; 71: 102985. 2026/04/22.
3. Achebak H, Paniello-Castillo B, Parks RM et al. **Disentangling urban vulnerability to rising temperatures**. *Lancet Planet Health* 2026; 101451. 2026/04/22.
4. Aydın Kahraman H and Bozcu Kartal E. **Association between environmental literacy and carbon footprint awareness among future healthcare professionals**. *J Environ Sci Health B* 2026; : 1–7. 2026/04/27.
5. Aygör H, Tunali NŞ and Bayar Y. **The relationship between women climate change anxiety and sexual quality of life**. *Medicine (Baltimore)* 2026; 105: e46973. 2026/04/10.
6. Barber PA, Kassam SM, Blacquièrè D et al. **Canadian stroke consortium climate and health sustainability policy**. *Can J Neurol Sci* 2026; : 1–3. 2026/04/17.

7. Bedno S, Russell J, Beardmore K et al. **Public health response to a climate emergency: A teaching exercise**. *AJPM Focus* 2026; 5: 100452. 2026/04.
8. Bodapati N, Hajat S, Steenkamp R et al. **Heat-related acute kidney injury risk in England: a nationwide case-crossover analysis of 947 342 AKI alerts**. *Clin Kidney J* 2026; 19: sfag100. 2026/04.
9. Charles M and Bakshi BR. **Where to Plant Trees? Designing Net-Zero Industrial Landscapes that Promote Public Health**. *Environ Sci Technol* 2026; 2026/04/23.
10. Choa E, Vlahov D, Sarkar S et al. **Climate Change and Mental Health Burden among Caregivers in California**. *Gerontologist* 2026; 2026/04/21.
11. Chu L, Wang P, Qiu M et al. **Extreme weather events and their health impacts: international variation**. *Annu Rev Public Health* 2026; 47: 325–347. 2026/04.
12. Chung SJ, Lee H and Jang SJ. **Factors affecting environmental sustainability attitudes among nurses - Focusing on climate change cognition and behaviours: A cross-sectional study**. *J Adv Nurs* 2026; 82: 2863–2874. 2026/04.
13. De Rose DU, Consales A, Salvatori G et al. **Breastfeeding against climate change: linking infant nutrition and environmental sustainability - a narrative review**. *Pediatr Res* 2026; 2026/04/27.
14. Deneault A-A, Lorteau S, Neville RD et al. **Disentangling the association between climate emotions and mental health outcomes**. *J Affect Disord* 2026; 407: 121697. 2026/08/15.
15. Di Bidino R, Dutta Majumdar A, Pegg M et al. **Implications of incorporating environmental sustainability into health technology assessment for digital health technologies**. *Value Health* 2026; 29: 595–599. 2026/04.
16. Di Gessa G and Zaninotto P. **Attitudes toward Climate Change Risk Among Older People: New Evidence from the English Longitudinal Study of Ageing**. *J Gerontol B Psychol Sci Soc Sci* 2026; 2026/03/10.

17. Dinehart C, Delaney SW, Mock L et al. **Extreme heat and hospitalization with Parkinson's disease among older adults**. J Expo Sci Environ Epidemiol 2026; 2026/04/13.
18. Fornons-Casol L, Ramos-Pla A, Olondriz-Valverde A et al. **Educational practices for promoting healthy hydration in primary education in the face of climate change: a systematic review of the literature**. BMC Pediatr 2026; 2026/04/01.
19. García-Witulski C, Rabassa M, Melo O et al. **Effects of climate change on physical inactivity: a panel data study across 156 countries from 2000 to 2022**. Lancet Glob Health 2026; 14: e500–e511. 2026/04.
20. Gok E, Guler B, Kanik A et al. **Climate change anxiety, hope, and pro-environmental behavioral intention during pregnancy: a cross-sectional study**. BMC Pregnancy Childbirth 2026; 2026/04/17.
21. Hale I, Green S, Nowlan J et al. **Reducing the environmental impact of medications and improving patient outcomes using the ECO-Rx framework**. Can Fam Physician 2026; 72: 233–238. 2026/04.
22. He Y, Dong W, Zhao L et al. **Humidity may amplify the temperature-related health risks in the context of climate change**. Sci Rep 2026; 2026/04/16.
23. Helldén D, Sjonnesen K and Hallgrímsson B. **Using end-to-end attribution to link greenhouse gas emitters to child health outcomes**. Arch Dis Child 2026; 2026/04/11.
24. Jagnoor J and Peden M. **Bridging the gap: Equity, climate and action in injury and violence prevention**. Inj Prev 2026; 2026/04/01.
25. Kekil S, Surucu SG, Cevik A et al. **The association between women's climate change anxiety, awareness of maternal-fetal health impacts, and their desire to avoid pregnancy**. BMC Public Health 2026; 2026/04/06.

26. Kravvari C-M, Anestis A, Vasileiadou D et al. **Perceptions of health professionals on the health impacts of climate change: a nationwide cross-sectional survey in Greece**. *Int J Environ Health Res* 2026; 36: 716–727. 2026/04.
27. Kriit HK, Chen-Xu J, Semenza JC et al. **The 2026 Europe report of the Lancet Countdown on health and climate change: narrowing window for decisive health action**. *Lancet Public Health* 2026; 2026/04/21.
28. Liu X-Y, Han R-M, Wang Y-T et al. **The impact of environmental pollution and climate change on allergic rhinitis and lung diseases**. *World J Otorhinolaryngol Head Neck Surg* 2026; 12: 228–242. 2026/04.
29. Marketou M, Caples N, D' Abela M et al. **Climate change and cardiovascular risk factors management: emerging challenges and strategies for prevention and adaptation**. *Eur J Prev Cardiol* 2026; 2026/04/27.
30. Marlier ME, Connolly R, Ma Y et al. **Compound climate exposures and public health: A synthesis of research and future directions**. *Annu Rev Public Health* 2026; 47: 305–323. 2026/04.
31. Mazzocato P, Hasson H, Kulstadvik S et al. **Senior management's understanding of and response to climate goals in healthcare: a qualitative study in a Swedish hospital**. *BMJ Open* 2026; 16: e112882. 2026/04/28.
32. Murrins Marques L and de Jesus Ribeiro R. **Eco-affective one health: A public health framework for climate, emotion, and systemic resilience**. *Public Health* 2026; 256: 106303. 2026/04/25.
33. Musa A, Imam MU, Ibrahim KG et al. **The role of climate change in maternal nutrition and fetal development: a narrative review**. *Nutr Res* 2026; 148: 37–48. 2026/04.
34. Narayan S, Conway M, Rudolph L et al. **The imperative to counter fossil fuel industry disinformation for public health**. *Lancet Planet Health* 2026; 10: 101435. 2026/03.

35. Oehler RL and Rybolt L. **Addressing Climate Change Impacts on Vector-Borne Infectious Diseases: Can Artificial Intelligence Help?** *Am J Trop Med Hyg* 2026; 114: 599–605. 2026/04/01.
36. Parums DV. **Editorial: new target product profiles from the WHO as climate change, global population migration, and conflict drive antimicrobial resistance.** *Med Sci Monit* 2026; 32. 2026/04/01.
37. Pratt B. **Carbon accounting in healthcare and the ethical questions it raises.** *Emerg Med Australas* 2026; 38: e70257. 2026/04.
38. Rajiah K and McArthur A. **Future pharmacists and climate action: a qualitative study of students' views on environmental sustainability in education and practice.** *Int J Clin Pharm* 2026; 48: 656–666. 2026/04.
39. Reis J, Buguet A, Tulek Z et al. **Climate change and brain health, a risk management approach focusing on the European region: A narrative review.** *J Neurol Sci* 2026; 483: 125836. 2026/04/15.
40. Richmond J and Mitchell C. **Beyond mitigation: Adaptation, policy and resilience for health services facing climate change.** *J Health Serv Res Policy* 2026; 2026/04/22.
41. Şahin B and Barişik T. **The climate change risk awareness scale.** *Work* 2026; 10519815261430000. 2026/04/17.
42. Sariboğa Y, Güney S, Gül Yılmaz T et al. **Determination of Awareness of Pregnant Women on Climate Change: A Cross-Sectional Study.** *J Obstet Gynaecol Res* 2026; 52: e70254. 2026/04.
43. Sparks MS, East JD, Garcia-Menendez F et al. **Air quality alerts, health impacts, and adaptation implications under varying climate policy.** *Environ Sci Technol* 2026; 2026/03/22.
44. 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. 2026/04.

45. Wang X, Li Y, Zhang X et al. **Climate change and chronic kidney disease: A global analysis integrating the global burden of disease study 2021 with TerraClimate data**. Environ Res 2026; 300: 124425. 2026/04/07.
46. Watfern C, Vaughan P, Boydell K et al. **Arts-based approaches to climate change, mental health and (un)natural disasters: a scoping review**. Arts Health 2026; 1–30. 2026/04/24.
47. Yeager R, Tuholske C, Browning MHEM et al. **Association between observed climate change and cardiovascular disease in the United States**. GeoHealth 2026; 10: e2025GH001588. 2026/04/13.
48. Zhu Y, Bi Y, Yu H et al. **Aerosols: A Missing Link between Climate Change and Pathogenic Diseases Calls for Coordinated Policy Action**. Environ Sci Technol 2026; 60: 10447–10457. 2026/04/14.

## 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.

- Hewlett, Kirstie et al. **Londoners' experiences of heat and priorities for action: survey insights from summer 2025**. Policy Institute, King's College London, 2026.
- Jones, Katie; Collas, Lydia; Dunn, Matilda. **UK food security in a climate changed world**. Green Alliance, 2026.

- Khosravi, Mehri; Scott, Matthew. **A strategy to reduce the risk of overheating in London's homes**. Chartered Institute of Housing (CIH), 2026.
- Sood, Jaya, et al. **The climate-fiscal timebomb: how climate change will impact public budgets**. New Economics Foundation (NEF), 2026.

## Grey literature

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

- UK Health Alliance on Climate Change. **UKHACC news bulletin – April 2026**. 2026.
- Climate Adaptation Platform. **Eurofound Talks: Are Europeans prepared for climate change?** 23 Apr 2026.
- Department for Energy Security and Net Zero. **UK–China: climate change cooperation**. Updated 2026 Apr 13.
- Department for Energy Security and Net Zero. **Climate Change Agreements guidance**. Updated 2026 Apr 28.
- Department for Energy Security and Net Zero. **Sector contact list: Climate Change Agreements (CCA)**. Updated 2026 Apr 17.
- Department for Energy Security and Net Zero. **Climate Change Agreements Scheme: templates for Umbrella and Underlying agreements**. Updated 2026 Apr 28.
- European Environment Agency. **Annual European Union greenhouse gas inventory 1990-2024 and inventory document 2026**. Report Published 17 Apr 2026.
- European Environment Agency **The EU has cut its greenhouse gas emissions by 40% since 1990**. 17 Apr 2026.

- Government Actuary's Department. **Climate scenario analysis**. Updated 2026 Apr 30.
- HM Revenue & Customs. **Pay Climate Change Levy**. Updated 2026 Apr 29.
- HM Treasury. **Climate Change Agreements Scheme: carbon emissions factor for gas**. Updated 2026 Apr 20.
- HM Treasury. **Climate Change Agreements Scheme: extension to new sectors and processes and other amendments**. Updated 2026 Apr 20.
- Home Office. **Climate change offences**. Updated 2026 Apr 24.

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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. This document is for internal use only.