

Climate Change Bulletin

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

November 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

- Adarbaz M, Khomsi K, Al-Delaimy WK, Mrad M, Abdulla F, Khalis M. **Mortality Related to Climate Change and Environmental Hazards in the Mediterranean Region: A Scoping Review**. 2025;12:41.
- Attawet J, Bhandari P, Lewis T, Wang C, Qiu Y. **Midwives' preparedness for climate change impacts on maternal and child health: A scoping review**. 2025;38:102112.
- Barber BV, Miller FA, Rainham D, Christie S, Berry M, Nsitem K, et al. **Implementation strategies for reducing carbon emissions in acute care: a scoping review protocol**. 2025;23:2347–57.
- Blackburn H, Gruenberg K, Chen E, Forrester C, Brock T, Gahbauer A. **Addressing climate change and environmental sustainability in pharmacy: pharmacists' perceptions, training, and behaviours**. 2025.
- Boser M, Luschkova D, Seemann M, Traidl-Hoffmann C, Plaza MP. **Extreme temperatures, recent warming and seasonal influenza-linking human exposures to respiratory health in southern Germany**. 2025.
- Brandt L, Augustinavicius J, Fusar-Poli P, Hasan A, Patel VH, Simon J, et al. **Climate change and mental health: announcing a new Lancet Psychiatry Commission**. 2025;12:811–3.

- Caldarelli M, Rio P, Gasbarrini A, Gambassi G, Cianci R. **Environmental Stressors and Neuroinflammation: Linking Climate Change to Alzheimer's Disease**. 2025;47.
- Cavendish TA, Nogueira T. **A call to action: climate leadership at the World Health Assembly**. 2025:2025 No 22.
- Coughlan de Perez E, Chowdhury AIA, Atienza G, Murshed SB, Caballero RCA, De La Torre D, et al. **Beyond the narrow lens: the power of an interdisciplinary approach to climate and health research and training**. 2025:2025 No 01.
- Donlon E, Tallon E, Maher S, Spillane S, Byrne C, Lynch T, et al. **Action potential: Impact of climate change on neurological disease in Ireland**. 2025.
- English T, Vasquez Hernandez A, Miller G, Fogarty N, Cosgrove C, Rosenthal P, et al. **Dousing the burning inequity of global warming for people experiencing homelessness**. 2025;223:500–3.
- Fernandez ACG, Pelnekar S, Robinson JF, Shaw GM, Padula AM, Woodruff TJ, et al. **Climate Change and Reproductive Health**. 2025;46:908–21.
- Forceville G, Gorla S, Stempfelet M, Corso M, Wagner V, Host S, et al. **Impact of heat on emergency department visits and hospital admissions in the Paris region**. 2025;96:103582.
- Fu N, Zhang R, Haghighat F, Kumar P, Cao S-J. **From pollution barriers to health buffers: Rethinking building airtightness under climate variability**. 2025;395:127964.
- Galeziowska J, Kruczkowska W, Grabowska KH, Kaluzinska-Kolat Z, Pluciennik E. **Hydrogels for Climate Change Mitigation: Applications in Water Harvesting, Passive Cooling, and Environmental Solutions**. 2025;11.

- Gianquintieri L, Caiani EG. **State-of-Art in Studying the Public Health Effects of Heat: A Literature Review**. 2025;9:e00381.
- Heluain V, Molinier L, Mazieres J. **Air pollution and lung cancer: a comprehensive review**. 2025;73:203152.
- Hendry M, Helfer T, Eissler C, Burr C. **The Relevance of Sustainability and the Climate Crisis to the Nursing Profession and Nursing Education: A Literature Review**. 2025;57:967–80.
- Kim I-J. **Exploring Nurses' Perspectives on Climate Change Using Q Methodology**. 2025.
- Lee SA, Maydan DD, Galiatsatos P, Golden M, Brown J. **Equipping future climate and health advocates: piloting a locally focused health effects of climate change curriculum in providence county schools**. 2025;25:3784.
- Lee Y, Jang SJ, Lee H. **Effects of climate change anxiety and environmental sustainability attitudes on pro-environmental behaviors among nursing students: A cross-sectional study**. 2025.
- Leso V, Nowack B, Karakoltzidis A, Nikiforou F, Karakitsios S, Sarigiannis D, et al. **Next generation risk assessment and new approach methodologies for safe and sustainable by design chemicals and materials: Perspectives and challenges for occupational health**. 2025;517:154211.
- Liao J, Habre R, Garcia E, Eckel SP, Kossowsky J, Herting MM, et al. **Impact of heat exposure on sleep health and its population vulnerability in the United States**. 2025;206:109942.
- Lim C, Freudenreich S, McKowen J, Maclaurin S, Freudenreich O. **Climate Change Anxiety in Adults with Schizophrenia: a Descriptive Study**. 2025;61:1507–12.
- Liobikiene G, Satiene V, Butkus M. **Whether human development index, life satisfaction, and the changing structure of household consumption**

could reduce consumption-based carbon footprint in European countries. 2025;395:127870.

- Mani Z, Ranse J, Goniewicz K. **Why extreme heat weather is a global health emergency: a retrospective analysis.** 2025.
- McDermott-Levy R, Huffling K, Kelly MM, Rubinstein S. **Climate Change in Clinical Practice.** 2025.
- Myhre SL, Fronsdal KB, Ames HMR, Papadopoulou E. **A scoping review of climate resilient health system strategies in low-resource settings.** 2025;249:106026.
- Naik N, Bot K, Whiteman G, Fleming LE, Morrissey K, Bellerby RGJ, et al. **A framework for assessing global health impacts of polar change: An urgent call for interdisciplinary research.** 2025.
- Nieder J, Quitmann C, Hueber S, Stark S, Klanke M, Shimada D, et al. **What makes physicians implement climate change and heat adaptation measures in outpatient practices? A mixed-methods study.** 2025;249:106046.
- Noah TL, Jaspers I. **Climate Change and Childhood Asthma: A Scoping Review.** 2025;60:e71373.
- Nunez-Rodriguez S, Collazo-Riobo C, Sedano J, Sanchez-Iglesias AI, Gonzalez-Santos J. **Heat Tolerance in Older Adults: A Systematic Review of Thermoregulation, Vulnerability, Environmental Change, and Health Outcomes.** 2025;13.
- Ogutu EA, Oza HH, Beun M, Eppinga R, Muga R, Freeman MC. **Household resilience and adaptation strategies for enhancing access to energy, water, and food during droughts and floods: A qualitative study.** 2025;271:114705.

- Osman YM, Shaban MM, Shaban M. **Shaping a sustainable future: Climate-related stress and violence among women of reproductive age: A systematic review**. 2025;38:102092.
- Pastorino P. **Ecotoxicology undergoing transition: addressing the complex challenges of global change**. 2025;205:109890.
- Patterson DW, Codd M, Guinto RR, Bengo EMM, Meier BM. **Human rights underpin climate action for global health and just transition: from awareness and analysis to political and legal action**. 2025.
- Rajiah K, McArthur A. **Future pharmacists and climate action: a qualitative study of students' views on environmental sustainability in education and practice**. 2025.
- Reichelt P, Schumacher A, Meyer N, Zenclussen A. **Climate change and child health: The growing burden of climate-related adverse health outcomes**. 2025;285:122502.
- Rothwell E, Groome J. **Health impacts of climate change and role of the health sector in mitigating carbon emissions**. 2025.
- Roy K, Basu R, Basu A. **Climate change and neurotropic vector-borne viruses: addressing emerging threats through a One Health approach**. 2025;16:e0088625.
- Sadarangani SP, Vazquez Guillamet LJ, Ehrlich HY, Ondigo BN, Wamae CN, Asaduzzaman M, et al. **How the American Society of Tropical Medicine and Hygiene Can Play a Leadership Role in Climate Action: Results from the 2022 ASTMH Green Task Force Survey**. 2025.
- Santos AQ, Nepveux DM, Richardson E, Hood T, Murdock C, Mokhtar S. **Educator perspectives on integrating climate change and environmental sustainability into occupational therapy education**. 2025;82:638–51.
- Sedova B, Haines A. **Tackling the complex links between climate change, conflict, and health**. 2025;391:r1578.

- Sengul T, Sarikose S, Uncu B, Kaya N. **Predictive role of climate change awareness and protective behaviors on quality of life among nursing and midwifery students**. 2025;154:106831.
- Sonnenschein TS, Scheider S, de Wit GA, Woodcock J, Vermeulen RCH. **Discovering environmental health effects of transport scenarios through agent-based simulations**. 2025;206:109866.
- Stacey G. **Introduction to Exploring the nexus between nursing/midwifery education, planetary health, climate change and sustainable healthcare**. 2025;157:106922.
- Stimpson JP, Rashed AL, Pandya J, Baudot EC, Whitfill J, Ortega AN. **Health equity in the wake of disasters and extreme weather: evidence from an umbrella review**. 2025;3:qxaf207.
- Surgery NGHRU on G. **Energy security as a crucial component of health infrastructure: global evidence and actions**. 2025:2025 No 11.
- Tecuta L, Gardini V, Tomba E. **Climate change worry and eating-related eco-concern: a network analysis of psychological and behavioral correlates in the general population**. 2025.
- van der Valk JPM, Chin-See-Chong TC, Veen JCCMI 't, Jurgens JE, Bonnema J, Braunstahl GJ. **Climate change and asthma: work-related risks and planetary implications**. 2025.
- Vallianou NG, Kounatidis DC, Geladari EV, Evangelopoulos A, Kaldis V, Stratigou T, et al. **Climate Change, Air Pollution and the Global Obesity Syndemic: a Review of Current Evidence**. 2025;14:78.
- Vandenberg SY, Oosterbroek T, Chircop A, Kellett P. **Registered Nurses' Knowledge, Attitudes, and Practices Toward Climate-Sensitive Vector-Borne Diseases: Findings From a Cross-Sectional Survey**. 2025.
- Wada M, Sagarasaeranee O, Cogger N, Marshall J, Cuttance E, Macara G, et al. **Machine learning for predicting climate change impacts**

on *Pseudopithomyces chartarum* spore counts: a risk indicator of facial eczema. 2025.

- Wilson R, Stanifer SR, Thaxton Wiggins A, Walton AL. **Oncology Nurses' Awareness, Concern, Motivations, and Behaviors Related to Climate Change and Health**. 2025;29:474–83.
- Yang-Seeger D, Schellstede A, Pauleikhoff LJB, Spitzer MS, Birtel J. **Patients' perspectives on climate change, health, and sustainability in ophthalmology**. 2025.
- Zubair MD, Tuginova A, Mussabekova Z. **A study of medical students' perceptions and knowledge of climate change and its impact on health**. 2025.

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.

- Centre for Climate and Health Security. **Climate change and mental health: thematic assessment report**. UK Health Security Agency (UKHSA). 2025
- Jennings, Neil et al. **Delivering for climate and health: insights from UK decision-makers**. Grantham Institute - Climate Change and the Environment, Imperial College London. 2025.
- Royal Scottish Geographical Society. **Into the red: counting the cost of climate inaction**. Royal Scottish Geographical Society. 2025.

- UK Government. **Carbon budget and growth delivery plan**. UK Government. 2025.

Recent reports and news (grey literature)

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

- Climate Change Committee. **Response to the Scottish Government's Climate Change Plan**. London: Climate Change Committee; 2025 Nov 7.
- Environment Agency. **EA warns that large areas of England could be in drought by spring 2026**. London: Environment Agency; 2025 Nov 14.
- UK Health Security Agency. **Climate change and mental health report**. London: UKHSA; 2025 Nov 12.
- UK Health Alliance on Climate Change. **UKHACC Bulletin November 2025**. London: UK Health Alliance; 2025 Nov 14.
- UK Health Alliance on Climate Change. **Health leaders call on PM to reject Rosebank to protect health**. London: UK Health Alliance; 2025 Nov 19.
- World Health Organization Regional Office for Europe. **Statement – Safe water, sanitation and hygiene is a matter of survival, dignity and prosperity**. Copenhagen: WHO Europe; 2025 Nov 5.
- World Meteorological Organization. **WMO at COP: Science warns us and helps us adapt to climate change**. Geneva: WMO; 2025 Nov 11.
- World Meteorological Organization. **Global Status of Multi-Hazard Early Warning Systems 2025**. Geneva: WMO; 2025 Nov 12.

- World Meteorological Organization. **New framework and toolkit strengthen governance for preventing and managing extreme heat**. Geneva: WMO; 2025 Nov 13.
- Food and Agriculture Organization, World Meteorological Organization. **FAO and WMO report highlights extreme heat risks for agriculture**. Geneva: WMO; 2025 Nov 20.
- World Meteorological Organization. **WMO reacts to COP30 outcomes**. Geneva: WMO; 2025 Nov 24.

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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.

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