

Climate Change Bulletin

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

May 2025



Translations



Easy read



BSL



Audio




Large print



Braille

Translations and other formats are available on request at:

 p hs.otherformats@p hs.scot

 0131 314 5300

Public Health Scotland is Scotland's national agency for improving and protecting the health and wellbeing of Scotland's people.

© Public Health Scotland



This publication is licensed for re-use under the [Open Government Licence v3.0](#).

For more information, visit www.publichealthscotland.scot/ogl

www.publichealthscotland.scot

Contents

Recent journal articles (from Medline)	3
Recent social policy and practice publications (from Idox)	6
Recent reports and news (grey literature)	7
Disclaimer	8
Contact	8

Recent journal articles (from Medline)

A selection of publications from the last month relating to areas of interest about 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

- Apperley H, Hayden M and Piyasena C. **Fifteen-minute consultation: Talking to children and young people about air pollution.** Arch Dis Child Educ Pract Ed 2025; 2025/05/14.
- Armstrong HE, Parker PC and Ortner CNM. **Emotions and climate change: The role of emotion regulation in climate action.** Emotion 2025; 2025/05/22.
- Bahrami G, Ghavidel N, Mahmoodi Z et al. **The health effects of climate change: identifying strategies, policies, and knowledge gaps: an umbrella review.** Int J Environ Health Res 2025; : 1–18. 2025/05/19.
- Beckwith SE, Petit HJ, Sullivan EE et al. **Patient perceptions about the environmental impact of hospitals and surgical care.** Am Surg 2025; : 31348251346528. 2025/05/28.
- Berger M, Ehlers JP and Nitsche J. **Aligning with the goals of the planetary health concept regarding ecological sustainability and digital health: scoping review.** J Med Internet Res 2025; 27: e71795. 2025/05/28.
- Berntsson S-G, Reis J, Zjukovskaja C et al. **Climate change impacts the symptomology and healthcare of multiple sclerosis patients through fatigue and heat sensitivity - A systematic review.** J Neurol Sci 2025; 474: 123526. 2025/05/06.

- Blagogee T, Burrows J, Gopaul D et al. **Impact of environmental determinants of health on access to surgical care.** Am Surg 2025; 91: 690–695. 2025/05.
- Brasil LS, Silvério DV, Silva JO de A et al. **Potential geographic displacement of Chagas disease vectors under climate change.** Med Vet Entomol 2025; 2025/05/21.
- Caraballo-Betancort AM, Marcilla-Toribio I, Notario-Pacheco B et al. **Health professionals' perceptions of climate change: A systematic review of qualitative studies.** Public Health 2025; 245: 105773. 2025/05/21.
- Clayton S and Crandon T. **Climate change and mental health.** Annu Rev Clin Psychol 2025; 21: 61–83. 2025/05.
- Dominguez-Rodriguez A, Apprich F, Friehs MA et al. **Climate change news and doomscrolling: An examination of influencing factors and psychological effects.** Acta Psychol (Amst) 2025; 255: 104925. 2025/05.
- Ebi KL, Hess JJ, Stuart-Smith RF et al. **Considerations for improving the relevance, use, and robustness of projections of the health risks of climate change.** Lancet Planet Health 2025; 9: e442–e447. 2025/05.
- Edwards RT. **Transdisciplinary health economics for 2050: the challenge of preventing the adverse health effects of obesity, inequalities, and climate change.** Expert Rev Pharmacoecon Outcomes Res 2025; 2025/04/25.
- Foong YC, Chan OKL, Hannaford A et al. **Climate change and neurology: A survey of neurologists in Australia and New Zealand.** J Neurol Sci 2025; 472: 123481. 2025/05/15.
- Gomez-Delgado F, Raya-Cruz M, Romero-Cabrera JL et al. **Environmental pollution and cardiovascular health. Challenges and new perspectives.** Clin Investig Arterioscler 2025; : 500802. 2025/05/08.
- Gross A and Asfaw SH. **Defying environmental deregulation: as protections erode, health care must lead sustainably.** JAMA 2025; 333: 1575–1576. 2025/05/13.

- Joseph HA, Lemon SC, Goins KV et al. **A flexible framework for urgent public health climate action.** Am J Public Health 2025; : e1–e12. 2025/05/22.
- Limb M. **Climate change: UK is unprepared for rising deaths and health disruption, report warns.** BMJ 2025; 389: r873. 2025/05/01.
- Meisner L and Chapman N. **The quiet crisis: environmental change and youth mental health.** Perspect Public Health 2025; : 17579139251332206. 2025/05/27.
- Moghaddam HK, Rahimzadeh Kivi Z, Abtahizadeh E et al. **Sustainable water allocation under climate change: Deep learning approaches to predict drinking water shortages.** J Environ Manage 2025; 385: 125600. 2025/06.
- Oyelayo EA, Taiwo TJ, Oyelude SO et al. **The global impact of industrialisation and climate change on antimicrobial resistance: assessing the role of Eco-AMR Zones.** Environ Monit Assess 2025; 197: 625. 2025/05/05.
- Patrick R, Noy S, McKew M et al. **Rapid review on healthy ageing interventions that incorporate action on climate change and sustainability in cities and communities.** Health Place 2025; 93: 103435. 2025/05.
- Qamar W and Qayum M. **The syndemic of climate change, migration, and mental health: A global health perspective.** J Coll Physicians Surg Pak 2025; 35: 657–660. 2025/05.
- Qu Z, Zhang L, Sha Y et al. **Impact of dual climatic and socioeconomic factors on global trends in infectious disease outbreaks.** Sci Rep 2025; 15: 16092. 2025/05/08.
- Salas RN. **Climate change is redefining health-care delivery and preparedness.** Lancet Planet Health 2025; 9: e350–e351. 2025/05.
- Scheen A. **Obesity and global warming: A two-way relationship?** Ann Endocrinol (Paris) 2025; 86: 101783. 2025/05/21.
- Silva EN da, Barreto JOM, Martins MAP et al. **Climate change: a priority agenda for health services.** Epidemiol Serv Saúde 2025; 34. 2025.

- Tonne C, Sieber S, Filippidou F et al. **Promoting health through climate change mitigation in Europe.** Lancet Planet Health 2025; 9: e431–e441. 2025/05.
- Topsakal Ö and Çevik E. **Climate change awareness: does it affect the fertility desire?** Public Health Nurs 2025; 2025/05/15.
- Varvastian S. **Climate change and mental health: A human rights perspective.** J Law Med Ethics 2025; : 1–6. 2025/05/27.
- Visser EH, Brakema EA, Slootweg IA et al. **Patients' perspectives on ecologically sustainable healthcare in general practice.** Br J Gen Pract Open 2025; 2025/05/23.
- Yassaie R and Brooks L. **Reassessing “good” medical practice and the climate crisis.** J Med Ethics 2025; 51: 365–370. 2025/05/21.
- **Projections of Earth's health under different environmental policies.** Nature 2025; 2025/05/21.

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.

- Joseph Perry Consulting. **The role of circular economy practices in climate resilient food and drink supply chains in the Highland region of Scotland.** May 2025.
- London Assembly Environment Committee. **Involving Londoners in the pathway to net zero by 2030.** May 2025

- Social Market Foundation. **Whose energy transition is it anyway? The case of clean heat.** May 2025.

- Tony Blair Institute for Global Health. **The climate paradox: why we need to reset action on climate change.** May 2025.

Recent reports and news (grey literature)

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

- Climate Change Committee. **Wales' fourth carbon budget.** CCC, 14 May 2025.

- Climate Change Committee. **Scotland's carbon budgets.** CCC, 21 May 2025.

- Climate Change Committee. **Net zero distributional model - methodology.** CCC, 21 May 2025.

- Scottish Government. **Climate change plan: monitoring report 2025.** SG, 20 May 2025.

- Scottish Government. **Scottish climate survey: technical report.** SG, 22 April 2025.

- UK Health Alliance on Climate Change. **Decision to permit wood burning stoves in new builds should be reversed.** UKHACC, 06 May 2025.

- UK Health Alliance on Climate Change. **How the Sustainable Markets Initiative is helping make healthcare sustainable.** UKHACC, 26 May 2025.

- UK Health Alliance on Climate Change. **UKHACC Bulletin May 2025.** UKHACC, 16 May 2025.

- World Meteorological Organization. **Global climate predictions show temperatures expected to remain at or near record levels in coming 5 years.** WMO, 28 May 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.

Contact

Knowledge Services

phs.knowledge@phs.scot