

# Climate Change Bulletin

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

September 2025



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## Contents

Recent journal articles (from Medline)	3
Recent social policy and practice publications (from Idox)	6
Recent reports and news (grey literature)	7
Disclaimer	7
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](mailto:phs.knowledge@phs.scot)

- 1. Berti C, Baglioni M, La Vecchia A et al. **Climate Change and Consumers' Food Choices towards Sustainability: A Narrative Review**. Nutr Rev 2025; 2025/09/04.
- Brin P, Pohl K and Cole AP. **Climate change and urologic care: a challenge for patients and providers**. Curr Opin Urol 2025; 2025/09/04.
- Brown CT. **Ecosocial Adaptation and the Care Professions: A systems-Ecological Approach to Climate Risk**. Soc Work Public Health 2025; : 1–15. 2025/09/03.
- Cerceo E. **The climate crisis in clinical practice: Addressing air pollution, heat, and microplastics**. Eur J Intern Med 2025; : 106435. 2025/08/04.
- Çetin AÖ and Özdemir ST. **Climate Change Related Health Problems and Awareness of Nursing Students: A Cross-Sectional Study**. Nurs Health Sci 2025; 27: e70211. 2025/09.
- Chaturvedi A, Bhat MY and Sofi AA. **Rising disasters, crumbling futures: The unexpected impact of environmental catastrophe on children across economies**. J Environ Manage 2025; 394: 127312. 2025/09/23.
- Goh KC, Kurniawan TA, Meidiana C et al. **Hospital waste management in Germany and the European Union during the Industry 5.0 era for carbon**

**neutrality by 2050: A critical review.** Waste Manag Res 2025; :  
734242X251361726. 2025/09/02.

- Gopalakrishnan V, Saravanan V, Mahendran MIMS et al. **Climate change and the microbial shift: unveiling hidden risks for cancer progression.** Cancer Epidemiol Biomarkers Prev 2025; 34: 1448–1458. 2025/09/02.

- Hampson N, Fitzpatrick LM and Eii MN. **Pharmacy education for sustainable healthcare: a UK progress update and call to action.** Int J Pharm Pract 2025; 2025/09/21.

- Hendry M, Helfer T, Eissler C et al. **The relevance of sustainability and the climate crisis to the nursing profession and nursing education: A literature review.** J Nurs Scholarsh 2025; 2025/09/07.

- Huang J, Lian X, Wang H et al. **An overview of extreme weather-epidemic compound disasters.** Sci Bull (Beijing) 2025; 70: 2868–2885. 2025/09/15.

- Ip VHY, Gohel B and Sondekoppam RV. **Climate resilience as a strategic lever for long-term healthcare sustainability: a narrative review.** Br J Anaesth 2025; 2025/09/27.

- Ji JS, Dominici F, Gouveia N et al. **Air pollution interventions for health.** Nat Med 2025; 31: 2888–2900. 2025/09.

- Kabato W, Hailegnaw N, Mutum L et al. **Managing soil health for climate resilience and crop productivity in a changing environment.** Sci Total Environ 2025; 1000: 180460. 2025/09/13.

- Loureiro MD, Jennings N, Lawrance E et al. **Cool solutions in hot times: the case for digital health in heatwave action plans.** Online J Public Health Inform 2025; 17: e66361. 2025/09/05.

- Maheshwari A, Dave VP, March de Ribot F et al. **Sustainable ophthalmology: an overview of concepts and practices.** Eye 2025; 2025/09/24.

- McGrath CB, Guard HE, Yearley S et al. **Climate Change and Cancer Risk: Connections with Physical Activity, Diet, and Adiposity**. Cancer Epidemiol Biomarkers Prev 2025; 34: 1459–1466. 2025/09/02.
- Montgomery H, Baniassadi A, Cai W et al. **4Ps framework: practical actions to protect individual health in the current climate crisis**. leader 2025; 2025/09/10.
- Mottishaw F and MacQuarrie S. **Need to address mental health within climate change education**. BMJ Ment Health 2025; 28. 2025/09/17.
- Nkemjika S, Brown C, Onyeaka H et al. **Association Between Climate Change Awareness and Depression & Anxiety: Findings from a U.S. Sample**. Int J Environ Res Public Health 2025; 22. 2025/09/12.
- Papies EK, Nielsen KS and Soares VA. **Health psychology and climate change: time to address humanity's most existential crisis**. Health Psychol Rev 2025; 19: 463–493. 2025/09.
- Pham CT, Nguyen HT, Le HHTC et al. **Challenges and Strategies for the Development and Implementation of Climate-Informed Early Warning Systems for Vector-Borne Diseases: A Systematic Review**. Trop Med Int Health 2025; 2025/09/26.
- Rackow B, König H-H, Wall M et al. **The interaction between air pollution, weather conditions, and health risks: a systematic review**. Sci Total Environ 2025; 996: 180080. 2025/07/31.
- Richmond JG and Beltran-Alvarez P. **Building resilience to climate change: designing research with health system and community perspectives**. Perspect Public Health 2025; : 17579139251365576. 2025/09/12.
- Roberge M, Diallo T, Bérubé A et al. **Climate change integration in nursing academic curricula and continuing education: A scoping review**. Can J Nurs Res 2025; 57: 406–428. 2025/09.
- Singer ME and Negev M. **Disparate climate change health costs: the emissions, vulnerability, and readiness nexus**. Ecohealth 2025; 2025/09/27.

- Smith P, Singh PK, Ballal VP et al. **Impacts of Climate Change Interventions on Biodiversity, Water, the Food System and Human Health and Well-Being**. Glob Chang Biol 2025; 31: e70444. 2025/09.
- Sonmez OF, Behbod B, Roberts C et al. **Role of Field Epidemiology in Environmental and Climate Change-Related Health Incidents in Wales: A Qualitative Analysis Through Expert Interviews**. Int J Environ Res Public Health 2025; 22. 2025/09/18.

## 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.

- Audit Scotland. **Flooding in communities: moving towards flood resilience**. August 2025.
- Benton, E. **Sustainable communities: findings from the resident interviews**. LSE. September 2025.
- Frost, S. **Fairer is faster: the route to greener and healthier domestic transport**. IPPR. September 2025.
- Hanson, J. **Clean and green: young people's attitudes to environmental goals**. Access Research Knowledge. September 2025.
- McKibbin, D. **Decarbonising transport: policy approaches of UK regions and Republic of Ireland**. Northern Ireland Assembly. April 2025.

## Recent reports and news (grey literature)

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

- European Environment Agency. **State of Europe's environment not good: threats to nature and impacts of climate change top challenges**. EEA, 28 September 2025.
- Public Health Scotland. **PHS Climate Impact Indicators (CII) Feasibility Report**. PHS, 16 September 2025.
- UK Health Alliance on Climate Change. **Our manifesto for the Scottish Government elections**. UKHACC, 10 September 2025.
- UK Health Alliance on Climate Change. **UKHACC Bulletin September 2025**. UKHACC, 19 September 2025.
- UK Health Alliance on Climate Change. **NHS England's five year report on net zero brings welcome progress, but much more needs to be done**. UKHACC, 26 September 2025.
- World Meteorological Organization. **Summer 2025 is the warmest on record for the UK**. WMO, 01 September 2025.
- World Meteorological Organization. **State of Global Water Resources 2024**. WMO, 18 September 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.



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