

Climate Change Bulletin

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

July 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)	6
Disclaimer	7
Contact	7

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

- Ang SP and Chia JE. **Climate change and cardiovascular risk**. Curr Opin Cardiol 2025; 40: 244–250. 2025/07/01.
- Aronsson J, Elf M, Warwick P et al. **The relevance of climate change and sustainability in nursing education: a cross-sectional study of students' perspectives**. BMC Nurs 2025; 24: 834. 2025/07/03.
- 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. 2025/07/15.
- Dzau VJ, Laitner MH, Balatbat CA et al. **Climate Change and Human Health - A Research Agenda for Action**. N Engl J Med 2025; 393: 88–92. 2025/07/03.
- Fiske A, Radhuber IM, Willem T et al. **Climate change and health: the next challenge of ethical AI**. Lancet Glob Health 2025; 13: e1314–e1320. 2025/07.
- Goplakrishnan V, Saravanan V, Mahendran MIMS et al. **Climate change and the microbial shift: unveiling hidden risks for cancer progression**. Cancer Epidemiol Biomarkers Prev 2025; 2025/07/11.
- Hantel A, Marron JM and Abel GA. **Establishing and defining an approach to climate conscious clinical medical ethics**. Am J Bioeth 2025; 25: 8–21. 2025/07.

- Hart J, Lignou S and Sheehan M. **Environmental sustainability and the limits of healthcare resource allocation**. Bioethics 2025; 39: 538–545. 2025/07.
- Heinemann L and Klonoff DC. **Environment, climate, and diabetes: an international topic**. J Diabetes Sci Technol 2025; 19: 1132–1136. 2025/07.
- Hjelmiskog A, Boyd J, Stevenson A et al. **The effect of climate mitigation and adaptation policies on health and health inequalities: a systematic review**. Lancet Planet Health 2025; : 101277. 2025/07/08.
- Ip VHY, Ma J, Zardyneshad A et al. **Public perception and attitudes towards health care, anesthesia, and climate change: a survey study**. Can J Anaesth 2025; 2025/07/18.
- Joseph HA, Lemon SC, Goins KV et al. **A flexible framework for urgent public health climate action**. Am J Public Health 2025; 115: 1062–1073. 2025/07.
- Kish-Doto J and Francavillo GR. **Public health professionals' views on climate change, advocacy, and health**. J Commun Healthc 2025; 18: 73–82. 2025/07.
- Kuiter SG, Herrmann A, Mertz M et al. **Should healthcare professionals include aspects of environmental sustainability in clinical decision-making? A systematic review of reasons**. BMC Med Ethics 2025; 26: 78. 2025/07/03.
- Laloo R, Elango P and Nicolau B. **The air travel carbon footprint of four recent global oral health meetings - Should we fly less?** J Dent 2025; 158: 105795. 2025/07.
- Li T, Liu Y, Du P et al. **A call for evidence-based adaptation: mitigating the rising global health burden of extreme heat**. Lancet Planet Health 2025; : 101287. 2025/07/21.
- Lin E, Hussain MJ, Hunter K et al. **Addressing climate change concerns in pediatric health care settings: exploring parental and physician perspectives**. Environ Int 2025; 202: 109661. 2025/07/05.
- Malmström A, Käyhkö J, Räsänen A et al. **Making sense of response: How policies affect climate vulnerability**. Ambio 2025; 54: 1142–1152. 2025/07.

- Montoro J, Antolín-Amérigo D, Izquierdo-Domínguez A et al. **Climate Change-Associated Environmental Factors and Pollutants: Impact on Allergic Diseases, Epidemiology, Severity, and Health Care Burden.** J Investig Allergol Clin Immunol 2025; 35: 240–250. 2025/07/29.
- Ni W, Areal AT, Lechner K et al. **Low and high air temperature and cardiovascular risk.** Atherosclerosis 2025; 406: 119238. 2025/07.
- Overcenco AV and Corețchi LȘ. **Impact of climate change on indoor radon concentrations as a current public health challenge.** Environ Health (Wash) 2025; 3: 705–713. 2025/07/18.
- Semenza JC, Hess JJ and Provenzano D. **Climate change, marine pathogens, and human health.** JAMA 2025; 334: 79–80. 2025/07/01.
- Seppänen A-V and Or Z. **A scoping review of interventions to reduce the environmental footprint of healthcare.** Value Health 2025; 28: 1110–1125. 2025/07.
- Sheate B. **Climate change and mental health: the rising tide of eco-distress.** Perspect Public Health 2025; : 17579139251333288. 2025/07/22.
- Tremblay É and Harrisson S. **Integrating ecofeminism into canadian nursing to tackle climate change and health issues.** Nurs Inq 2025; 32: e70035. 2025/07.
- Wright CY, Naidoo N, Anand N et al. **“SCALE-up” - a new framework to assess the effectiveness of climate change adaptation interventions for human health and health systems.** BMC Public Health 2025; 25: 2247. 2025/07/02.
- Zuccala E. **Building health system resilience to climate change: lessons from cardiovascular disease.** Medical Journal of Australia 2025; 223: 57–57. 2025/07/21.

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.

- Chartered Institution of Highways and Transportation. **Doubling down on climate action in highways and transportation**. June 2025.
- Green Alliance. **Adapt to thrive: preparing the UK for climate change**. July 2025.
- Government Office for Science. **Climate adaptation research and innovation framework**. April 2025.
- National Energy System Operator. **Decarbonising heat: consumer choice and affordability**. July 2025.

Recent reports and news (grey literature)

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

- European Environment Agency. **Opportunities for innovation in the bioeconomy**. EEA, 03 July 2025.
- Public Health Scotland. **Protecting the population from the negative health and wellbeing impacts of adverse weather: Public Health Scotland plan 2024-2027**. PHS, 22 July 2025.
- UK Health Alliance on Climate Change. **Open letter to PM calls for a bold and fair climate plan**. UKHACC, 21 July 2025.

- UK Health Alliance on Climate Change. **The HCPC corporate strategy must include priorities on decarbonisation, environmental sustainability and resilience to climate impacts.** UKHACC, 24 July 2025.
- UK Health Alliance on Climate Change. **UKHACC Bulletin July 2025.** UKHACC, 18 July 2025.
- World Meteorological Organization. **UN report: renewable energy makes economic sense.** WMO, 22 July 2025.

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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.

Contact

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