

Climate Change Bulletin

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

March 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 | 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

- Abbasi E. **The impact of climate change on travel-related vector-borne diseases: A case study on dengue virus transmission.** Travel Med Infect Dis 2025; 65: 102841. 2025/03/19.
- Abir M, Vardavas R, Tariq ZH et al. **Impact of Climate Change on Health and Drug Demand.** Rand health quarterly 2025; 12: 13. 2025.
- Akhigbe RE, Oyedokun PA, Akhigbe TM et al. **The consequences of climate change and male reproductive health: A review of the possible impact and mechanisms.** Biochem Biophys Rep 2025; 41: 101889. 2025/03.
- Andersen MM, Hauschild MZ and Lauridsen S. **Is public health environmentally sustainable?** Health Care Anal 2025; 2025/03/04.
- Anderska A, Osuch D, Opala D et al. **The impact of climate changes on skin diseases: A narrative review of the literature.** Przegl Epidemiol 2025; 78: 400–407. 2025/03/18.
- Aunan K, Orru H and Sjödin H. **Perspectives on connecting climate change and health.** Scand J Public Health 2025; 53: 219–222. 2025/03.
- Bignier C, Havet L, Brisoux M et al. **Climate change and children’s respiratory health.** Paediatr Respir Rev 2025; 53: 64–73. 2025/03.

- Blagogee T, Burrows J, Gopaul D et al. **Impact of environmental determinants of health on access to surgical care.** Am Surg 2025; : 31348251323708. 2025/03/19.
- Budin-Ljøsne I, Nordeng Z, Schwarze PE et al. **Linking climate change adaptation and public health: perspectives of Norwegian policymakers.** Scand J Public Health 2025; 53: 125–133. 2025/03.
- Burbank AJ, Penrice AJ, Rorie AC et al. **Climate change and allergens: current and future impacts.** J Allergy Clin Immunol Pract 2025; 2025/03/10.
- DesRoche C, Soulez G, Boucher L et al. **Steps toward environmental sustainability in interventional radiology.** Can Assoc Radiol J 2025; : 8465371251326793. 2025/03/25.
- 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. 2025/03/19.
- Du J, Bird A, Boniface G et al. **The perceived role of occupational therapists in climate change.** Can J Occup Ther 2025; 92: 60–70. 2025/03.
- Haber LA, Cloud DH, Boudin C et al. **The intersection of climate justice and criminal justice: extreme heat and health inequities in carceral facilities.** JAMA 2025; 333: 843–844. 2025/03/11.
- Hess JJ and Ebi KL. **An Evidence-Based Approach to Climate Change and Health.** JAMA 2025; 2025/03/10.
- Joshi M, Joshi A and Bartter T. **The impact of climate change on respiratory health: current understanding and knowledge gaps.** Curr Opin Pulm Med 2025; 31: 79–88. 2025/03/01.
- Lewycka S, Skrinjaric T, Rukomeza G et al. **Nature-based solutions to address climate change and antimicrobial resistance.** The Lancet Planetary Health 2025; 9: e173. 2025/03.

- Li Y, Chen B, Yang S et al. **Advances in environmental pollutant detection techniques: Enhancing public health monitoring and risk assessment.** Environ Int 2025; 197: 109365. 2025/03/11.
- Marinaccio A, Gariazzo C, Taiano L et al. **Climate change and occupational health and safety. Risk of injuries, productivity loss and the co-benefits perspective.** Environ Res 2025; 269: 120844. 2025/03/15.
- Mertens JE. **The Influence of Climate Change on Vector-Borne Diseases in a Wilderness Medicine Context.** Wilderness Environ Med 2025; 36: 44–60. 2025/03.
- Metzendorf M-I, Madrid E and van Raaij E. **Reducing the environmental impact of healthcare to improve health, sustainability and equity.** BMJ Evid Based Med 2025; : bmjebm-2024-113124. 2025/01/22.
- 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; : 0. 2025/03/13.
- Moslehi S, Narimani S and Soleimanpour S. **Challenges and adaptive measures for the potential next pandemic caused by climate change.** Disaster Med Public Health Prep 2025; 19: e59. 2025/03/17.
- Nordeng Z, Kriit HK, Poltimäe H et al. **Valuation and perception of the costs of climate change on health.** Scand J Public Health 2025; 53: 149–155. 2025/03.
- Ranucci R. **Delivering health care without degrading health: Factors associated with hospital commitment to environmental sustainability.** Health Care Manage Rev 2025; 2025/03/25.
- Rao S, Aunan K, Budin-Ljøsne I et al. **The need for health equitable climate adaptation policies in Northern Europe.** Scand J Public Health 2025; 53: 215–218. 2025/03.

- Richard-Greenblatt M, Omosule CL, Owusu Agyare B et al. **The impact of climate change on laboratory medicine: A global health perspective.** Clin Chem 2025; 2025/03/11.
- Sedik S, Egger M and Hoenigl M. **Climate change and medical mycology.** Infect Dis Clin North Am 2025; 39: 1–22. 2025/03.
- Wild K, Rasanathan K, Singh S et al. **Balancing short-term and long-term climate-health equity strategies: a framework for supporting faster, fairer joint action on climate change and health equity.** BMJ Glob Health 2025; 9. 2025/03/26.
- Yu H. **Climate change unveils hidden microbial dangers.** Environmental Science and Ecotechnology 2025; 24: 100544. 2025/03.
- Ziska LH. **The impact of climate change on plant physiology and human health.** Physiology (Bethesda) 2025; 2025/03/13.

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.

- Leather, Z. **The grass is greener on the net zero side: what the seventh carbon budget tells us about the net zero transition.** Resolution Foundation. March 2025.
- Passmore, S. **Resilient cities: a fair response to climate change.** Future of London. March 2025.
- Rayner, T. et al. **Advancing and integrating climate and health policies in the United Kingdom.** Tyndall Centre for Climate Change Research, University of East Anglia. March 2025.

- Scott, M. and Yesudas, N.M. **Turning up the heat: nine discussion questions on overheating in domestic homes in the UK**. UK Collaborative Centre for Housing Evidence (CaCHE). March 2025.

Recent reports and news (grey literature)

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

- Climate Change Committee. **Northern Ireland's fourth carbon budget**. CCC, 19 March 2025.
 - EEA & European Commission's Joint Research Centre. **Zero pollution monitoring and outlook 2025**. EEA & JRC, 03 March 2025.
 - EEA. **Climate change impacts leading to increased exposure to harmful toxins**. EEA, 10 March 2025.
 - Scottish Government. **Closer energy and climate cooperation with the EU: position paper**. SG, 31 March 2025.
- Scottish Government. **Environment strategy: global environmental impacts of consumption and production**. SG, 25 March 2025.
- UK Health Alliance on Climate Change. **UKHACC Bulletin March 2025**. UKHACC, 14 March 2025.
 - UK Health Alliance on Climate Change. **How extreme heat harms pregnancy and how to respond**. UKHACC, 24 March 2025.
 - World Meteorological Organization. **State of the global climate**. WMO, 19 March 2025.
 - World Meteorological Organization. **2023 year in review: Climate-driven global renewable energy potential resources and energy demand**. WMO, 04 March 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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