

Climate Change Bulletin

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

June 2025



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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

- Andersen MM, Hauschild MZ and Lauridsen S. **Is public health environmentally sustainable?** Health Care Anal 2025; 33: 97–108. 2025/06.
- Baschieri A, Udeh C, Yunusa Z et al. **Women, girls, and the climate crisis: advancing reproductive health and rights and gender equality in climate policies at ICPD+30.** Stud Fam Plann 2025; 2025/05/05.
- Bottery M, Sedik S, Schwartz I et al. **Climate change: shifting boundaries of fungal disease in Europe and beyond.** Thorax 2025; 2025/06/08.
- Braun CB, Rasmussen SA and Jamieson DJ. **Climate change and pregnancy outcomes: A systematic approach to reviewing the data.** Birth Defects Res 2025; 117: e2493. 2025/06.
- Burbank AJ, Penrice AJ, Rorie AC et al. **Climate change and allergens: current and future impacts.** J Allergy Clin Immunol Pract 2025; 13: 1281–1288. 2025/06.
- Burnier M. **Climate change and pollution: impact on blood pressure and kidneys.** Pol Arch Intern Med 2025; 135. 2025/06/24.
- Coronado-Vázquez V and Gómez-Salgado J. **Health professionals face up to climate change: from commitment to action.** Emergencias 2025; 37: 226–227. 2025/06.

- Gupta AK, Thornbush M and Wang T. **Climate change, natural disasters, and cutaneous fungal infections**. Int J Dermatol 2025; 2025/06/12.
- Habibi P, Razmjouei J, Badzohreh A et al. **Climate change and chronic kidney disease (CKD) among outdoor workers: a systematic review**. Int J Biometeorol 2025; 69: 1207–1236. 2025/06.
- Hemberg L, Singh J and Bentzer P. **A process-based life cycle assessment of the climate impact of a Swedish intensive care unit**. Sci Rep 2025; 15: 19435. 2025/06/03.
- Hutchinson E, Armstrong B, Wilkinson P et al. **Home energy efficiency improvements and health: observational before-and-after study of Dublin's Warmth & Wellbeing pilot scheme**. Occup Environ Med 2025; 2025/06/27.
- Jacinto S. **The impact of climate change on neuroinfectious diseases**. Curr Opin Neurol 2025; 2025/06/06.
- Kaplan WA, Hamer DH and Shioda K. **The potential impact of climate change on medication access and quality deserves far more attention**. One Health 2025; 20: 100957. 2025/06.
- Khan A, Berenji M, Cloeren M et al. **The Imperative to Incorporate Climate Change Competencies into Occupational and Environmental Medicine Training to Safeguard Worker Health**. J Occup Environ Med 2025; 67: 414–424. 2025/06/01.
- Li W, Huang T, Liu C et al. **Changing climate and socioeconomic factors contribute to global antimicrobial resistance**. Nat Med 2025; 31: 1798–1808. 2025/06.
- Mattei L, Barry F, Al-Badri N et al. **Carbon impact of orthognathic surgery**. Int J Oral Maxillofac Surg 2025; 2025/06/24.
- 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; 2025/06/12.

- Millard-Ball A, Reginald M, Yusuf Y et al. **Global health and climate benefits from walking and cycling infrastructure**. Proc Natl Acad Sci USA 2025; 122: e2422334122. 2025/06/17.
- Obeagu EI and Bolo B. **Climate change and medical laboratory operations: Impacts, challenges, and adaptation strategies: A narrative review**. Medicine (Baltimore) 2025; 104: e42718. 2025/06/06.
- Park M, Mohsen ST, Katz T et al. **Climate Conditions, Weather Changes, and Air Pollutants and Atopic Dermatitis: A Meta-Analysis**. JAMA Dermatol 2025; 2025/06/25.
- Parker J. **Healthcare exceptionalism: should healthcare be treated differently when it comes to reducing greenhouse gas emissions?** Med Health Care Philos 2025; 28: 233–245. 2025/06.
- Parnes MF, Mosley L, Burris HH et al. **Climate change and environmental degradation: bioethical considerations and impact for neonatal care**. Semin Perinatol 2025; : 152099. 2025/06/12.
- Pisoni E, Zauli-Sajani S, Belis CA et al. **High resolution assessment of air quality and health in Europe under different climate mitigation scenarios**. Nat Commun 2025; 16: 5134. 2025/06/03.
- Ramos Irizarry P, Smith DFQ and Gusa A. **Climate change impacts on environmental fungi: human health and fungal disease**. Curr Top Microbiol Immunol 2025; 2025/06/06.
- Rojas-Rueda D. **Green hospitals: maximizing health and climate benefits globally**. Sci Total Environ 2025; 982: 179692. 2025/06/20.
- Samuel G, MacFarlane M and Briggs S. **UK Public Focus Groups on Healthcare's Environmental Impacts: A Critical Analysis of Co-Benefits Approaches**. Sociol Health Illn 2025; 47: e70058. 2025/06.
- Scheen A. **Obesity and global warming: A two-way relationship?** Ann Endocrinol (Paris) 2025; 86: 101783. 2025/05/21.

- Selçuk Tosun A, Ünsal Yüceer Ü, Demirdağ B et al. **Climate change worry and environmental sensitivity among nursing students.** Public Health Nurs 2025; 2025/06/13.
- Semenza JC, Hess JJ and Provenzano D. **Climate change, marine pathogens, and human health.** JAMA 2025; 2025/06/02.
- Sharma S and Anikeeva O. **Impacts of Climate Change and Related Weather Events on the Health and Wellbeing of Culturally and Linguistically Diverse Communities: A Systematic Review.** J Racial Ethn Health Disparities 2025; 2025/06/26.
- Tang WSW and Ho CSH. **A systematic review on the impact of climate change on occupational mental health: a focus on vulnerable industries.** Soc Psychiatry Psychiatr Epidemiol 2025; 2025/06/05.
- Ullah MF. **Anthropogenic influence, microbes and zoonotic diseases: Ecological imbalance, diverse impact and the ONE Health approach.** J Vector Borne Dis 2025; 2025/06/16.
- Weidmann MD. **The association between temperature variability, morbidity and mortality for specific categories of disease: A systematic review and meta-analysis.** Hygiene and Environmental Health Advances 2025; 14. 2025/06.
- Woywodt A, Kuruvilla R and Stoneman S. **Climate change and continued professional development (CPD): Is it time for all CPD diaries to include carbon footprint estimates?** Future Healthc J 2025; 12: 100242. 2025/06.

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.

- Anderson Bell and Christie. **Balance: delivering a place-based, net zero embodied carbon strategy for Scotland**. June 2025.
- Autonomy Institute. **The new deal for working people: extreme heat**. June 2025.
- House of Commons Library. **Climate change adaptation and resilience in the UK**. June 2025.
- Royal College of Physicians. **A breath of fresh air: responding to the health challenges of modern air pollution**. June 2025.

Recent reports and news (grey literature)

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

- Climate Change Committee. **CCC mitigation monitoring framework**. CCC, 20 June 2025.
- Climate Change Committee. **Progress in reducing emissions - 2025 report to Parliament**. CCC, 25 June 2025.
- European Environment Agency. **Renewables, electrification and flexibility - For a competitive EU energy system transformation by 2030**. EEA, 25 June 2025.
- Scottish Government. **Net zero assessment: pilot report**. SG, 20 June 2025.
- Scottish Government. **Net zero assessment: independent review**. SG, 20 June 2025.
- Scottish Government. **Cleaner air for Scotland 2 strategy: progress report**. 20 June 2025.
- Scottish Government. **Marine just transition - UK and international comparator countries: literature review**. SG. 09 June 2025.
- UK Health Alliance on Climate Change. **New guidance to support management of patients during extreme heat**. UKHACC, 20 June 2025.

- UK Health Alliance on Climate Change. **New report: Building a climate resilient health system in the UK.** UKHACC, 18 June 2025.
- UK Health Alliance on Climate Change. **UKHACC Bulletin June 2025.** UKHACC, 13 June 2025.
- World Meteorological Organization. **Closing data gaps improves global forecasts.** WMO, 25 June 2025.

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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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