

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 2024



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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

- Bérubé A, Diallo T, Roberge M et al. **Practicing nurses' and nursing students' perceptions of climate change: A scoping review**. Nurs Open 2024; 11: e70043. 2024/09.
- Brink N and Chersich MF. The Lancet **Countdown on health and climate change: competing interests and optimism bias**. Lancet 2024; 404: 1196. 2024/09/28.
- Campos LS. **Climate change, the environment, and health: A call to action**. Acta Med Port 2024; 37: 579–581. 2024/09/02.
- Chen-Xu J. **The role of ethical responsibility in the management of environmentally sustainable health care**. Acta Med Port 2024; 37: 582–584. 2024/09/02.
- Crouzier C, Van Schaeybroeck B, Duchêne F et al. **The impact of climate and demographic changes on future mortality in Brussels, Belgium**. Public Health 2024; 236: 261–267. 2024/09/13.
- Crowley P, O'Connor C, Power E et al. **Climate change and health: the role of health professionals**. Ir J Psychol Med 2024; : 1–3. 2024/09/18.
- Dagnino F, Qian Z and Beatrice E. **Assessing the ripple effects of natural disasters on healthcare systems: a narrative review**. Curr Opin Urol 2024; 34: 371–376. 2024/09/01.

- Fastl C, Arnberger A, Gallistl V et al. **Heat vulnerability: health impacts of heat on older people in urban and rural areas in Europe.** Wien Klin Wochenschr 2024; 2024/08/19.
- García-León D, Masselot P, Mistry MN et al. **Temperature-related mortality burden and projected change in 1368 European regions: a modelling study.** Lancet Public Health 2024; 9: e644–e653. 2024/09.
- Gaudreau C, Guillaumie L, Jobin É et al. **Nurses and climate change: A narrative review of nursing associations' recommendations for integrating climate change mitigation strategies.** Can J Nurs Res 2024; 56: 193–203. 2024/09.
- Goldfarb DS and Patel AA. **Climate change and its implications for kidney health.** Curr Opin Urol 2024; 34: 377–383. 2024/09/01.
- Hasemann Lara JE, Díaz de León A, Daser D et al. **Towards a social determination of health framework for understanding climate disruption and health-disease processes.** Med Anthropol Q 2024; 38: 313–327. 2024/09.
- Hassani L, Kondar RT, Narimani S et al. **Adaptive measures to deal with the next pandemic caused by climate change in at-risk groups.** BMC Psychiatry 2024; 24: 634. 2024/09/27.
- Jacobsen KH, Waggett CE, Berenbaum P et al. **Planetary health learning objectives: foundational knowledge for global health education in an era of climate change.** Lancet Planet Health 2024; 8: e706–e713. 2024/09.
- Johnson S, Corbin S, South C et al. **The impact of environmental health determinants in surgical oncology.** J Surg Oncol 2024; 2024/09/24.
- Klepac P, Hsieh JL, Ducker CL et al. **Climate change, malaria and neglected tropical diseases: a scoping review.** Trans R Soc Trop Med Hyg 2024; 118: 561–579. 2024/09/02.
- Kovács SD. **Patient autonomy in the era of the sustainability crisis.** Med Health Care Philos 2024; 27: 399–405. 2024/09.

- Kraft C, Bühren C and Wicker P. **The correlates of environmental initiatives in sports organizations with climate change attitudes and subjective well-being.** J Public Health (Oxf) 2024; 2024/09/14.
- Lee JJ, Huang Y, Yan Y et al. **Integrating climate change and sustainability in nursing education.** Nurse Educ Today 2024; 140: 106290. 2024/09.
- Malhi JK, McEvoy JW, Blumenthal RS et al. **Climate change and cardiovascular health: Recent updates and actions for healthcare.** Am Heart J Plus 2024; 45: 100443. 2024/09.
- Mitchell D, Lo YTE, Ball E et al. **Expert judgement reveals current and emerging UK climate-mortality burden.** Lancet Planet Health 2024; 8: e684–e694. 2024/09.
- Moraca S, Indinnimeo L and De Nuntiis P. **Risk perceptions of Italian paediatricians for the impact of climate change on children’s health.** Ital J Pediatr 2024; 50: 170. 2024/09/10.
- Moutinho S. **Doctors prepare for the “enormous health consequences” of climate change.** Nat Med 2024; 2024/08/06.
- Niu S, Qiu M, Li L et al. **Climate actions, persistent pollutants, and human health: A call for integrated assessments.** Environ Sci Technol 2024; 58: 15885–15887. 2024/09/10.
- Ouyang B, Yang C, Lv Z et al. **Recent advances in environmental antibiotic resistance genes detection and research focus: From genes to ecosystems.** Environ Int 2024; 191: 108989. 2024/09.
- Perreault-Carranza T, Ni V, Savoie J et al. **Core competencies of the public health workforce in climate change and extreme weather events preparedness, response, and recovery: A scoping review.** Int J Environ Res Public Health 2024; 21. 2024/09/18.
- Provenzi L, Ovalles Gomez MA, Frassone S et al. **Climate change challenge faced by italian children: A nationwide study.** Healthcare (Basel) 2024; 12. 2024/09/09.

- Shah SH and Ragavan MI. **Climate change, extreme weather events, and child health: A call to action.** Pediatrics 2024; 154. 2024/09/01.
- Sparling TM, Offner C, Deeney M et al. **Intersections of Climate Change with Food Systems, Nutrition, and Health: An Overview and Evidence Map.** Adv Nutr 2024; 15: 100274. 2024/09.
- Street R and Wright CY. **The Lancet Countdown on health and climate change: representation matters.** Lancet 2024; 404: 1194. 2024/09/28.
- Thompson R, Stewart G, Vu T et al. **Air pollution, traffic noise, mental health, and cognitive development: A multi-exposure longitudinal study of London adolescents in the SCAMP cohort.** Environ Int 2024; 191: 108963. 2024/09.
- Vora NM, Narayan S, Aluso A et al. **Nature-based solutions are essential for climate and health action.** Lancet 2024; 404: 913–915. 2024/09/07.
- Wang RS, Seritan AL, Hatcher A et al. **The climate formulation: addressing climate change in mental health practice.** Acad Psychiatry 2024; 2024/09/16.
- Washam C. **Senior health in a changing climate: unique needs of a complex population.** Environ Health Perspect 2024; 132. 2024/09.
- Woernle A, Moore CM, Allen C et al. **Footprints in the scan: reducing the carbon footprint of diagnostic tools in urology.** Curr Opin Urol 2024; 34: 390–395. 2024/09/01.
- Zhang J-D, Cheng X-F, Min S-H et al. **Burden of non-communicable diseases attributable to high temperature in a changing climate from 1990 to 2019: a global analysis.** BMC Public Health 2024; 24: 2475. 2024/09/11.
- Zhang L, Wang B, Wu W et al. **Enhanced health risk of soil heavy metal exposure following an extreme rainstorm under climate change.** Sci Total Environ 2024; 954: 176409. 2024/09/19.

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.

- One Parent Families Scotland. **Climate change and a just transition: Engagement with single parents.** OPFS. 2024.
- Rollison, C. and Lavoie, A. **Accelerating net zero delivery: What can UK cities learn from around the world?** Centre for Cities. 2024.

Recent reports and news (grey literature)

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

- Scottish Government. **Climate change: Scottish national adaptation plan 2024-2029.** Scottish Government, 25 September 2024.
- UK Health Alliance on Climate Change. **A just energy transition for the good of health: A policy report from the UK Health Alliance on Climate Change.** UKHACC, 04 September 2024.
- UK Health Alliance on Climate Change. **UKHACC Bulletin September 2024.** UKHACC, 13 August 2024.
- World Health Organization. **Heavy rainfall is causing rivers to burst their banks, leaving huge swathes of central Europe reeling.** WHO, 18 September 2024.
- World Meteorological Organization. **United in science 2024: A multi-organization high-level compilation of the latest weather, climate, water and related environmental and social sciences for the future.** WMO, 18 September 2024.

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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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