

Climate Change Bulletin

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

November 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

- Ali KJ, Ehsan S, Tran A et al. **Diagnostic excellence in the context of climate change: A review.** Am J Med 2024; 137: 1035–1041. 2024/11.
- Alisoltani T, Shafiepour Motlagh M and Ashrafi K. **Concurrent heat stress and air pollution episodes by considering future projection of climate change.** Sci Rep 2024; 14: 29301. 2024/11/26.
- Amberger O, Lemke D, Christ A et al. **Patient safety and climate change: findings from a cross-sectional survey in Germany.** BMC Public Health 2024; 24: 3233. 2024/11/21.
- Amin SM, El-Monshed AH, Khedr MA et al. **Future nurses in a changing climate: exploring the relationship between environmental literacy and climate anxiety.** J Adv Nurs 2024; 2024/11/11.
- Bond A, Walton R, Rivett G et al. **Nourishing sustainability: Clinical nutrition's impact on climate change.** Clin Nutr 2024; 43: 331–340. 2024/12.
- Borghi J, Cuevas S, Anton B et al. **Climate and health: a path to strategic co-financing?** Health Policy Plan 2024; 39: i4–i18. 2024/11/18.
- Buchwald AG and Boudova S. **Invited Perspective: Climate Change and Maternal Mental Health-Looking beyond High-Income Countries.** Environ Health Perspect 2024; 132: 111301. 2024/11/27.

- Chen C, Miller G and Setoguchi S. **Climate change and excess length of stay: A call to action for health equity and environmental sustainability.** J Hosp Med 2024; 19: 1059–1065. 2024/11.
- Cosh SM, Ryan R, Fallander K et al. **The relationship between climate change and mental health: a systematic review of the association between eco-anxiety, psychological distress, and symptoms of major affective disorders.** BMC Psychiatry 2024; 24: 833. 2024/11/20.
- Franco Silva M, Favarão Leão AL, O'Connor Á et al. **Understanding the relationships between physical activity and climate change: an umbrella review.** J Phys Act Health 2024; : 1–13. 2024/10/10.
- Hundal H. **Climate change and health: a focal point for medical education.** Can Med Educ J 2024; 15: 166. 2024/11/13.
- Khraishah H, Ostergard RL, Nabi SR et al. **Climate change and cardiovascular disease: who is vulnerable?** Arterioscler Thromb Vasc Biol 2024; 2024/11/26.
- Lawin-O'Brien R, Schwartz ES, Montgomery H et al. **The climate crisis - actions to prioritize for anaesthesiologists.** Curr Opin Anaesthesiol 2024; 2024/11/05.
- Le Souëf PN, Adachi Y, Anastasiou E et al. **Global change, climate change, and asthma in children: Direct and indirect effects - A WAO Pediatric Asthma Committee Report.** World Allergy Organiz J 2024; 17: 100988. 2024/11/08.
- LeClair J, Dudek A and Zahner S. **Climate justice strategies implemented by public health nurses and their community partners.** J Adv Nurs 2024; 2024/11/11.
- Liu Y, Dajnak D, Assareh N et al. **Impact of net zero policy scenarios on air pollution inequalities in England and Wales.** Environ Int 2024; 193: 109065. 2024/10/15.
- Logie CH, Toccalino D, MacKenzie F et al. **Associations between climate change-related factors and sexual health: A scoping review.** Glob Public Health 2024; 19: 2299718. 2024/01/08.

- MacLean S, de Nicola J, Cooper K et al. **How does climate change impact people who use alcohol and other drugs? A scoping review of peer reviewed literature.** Int J Drug Policy 2024; 134: 104649. 2024/11/21.
- Mechelli A, Baecker L, Bakolis I et al. **Climate change and mental health: overview of UK policy and regulatory frameworks to stimulate and inform future research and practice.** Br J Psychiatry 2024; : 1–6. 2024/11/25.
- Nunes ML and da Cunha AJLA. **Neurodevelopment and climate change.** J Pediatr (Rio J) 2024; 2024/11/22.
- Oerther S, Berkley A and Reangsing C. **The Role of the School Nurse in Addressing Climate-Associated Illnesses: Mental Well-being.** NASN Sch Nurse 2024; 39: 296–300. 2024/11.
- Panunzio MF, Montagna MT and Russo RM. **Environmental and climate challenges: implications for food safety, food security and public health protection.** Ann Ig 2024; 2024/11/14.
- Parker G and Miller FA. **Tackling pharmaceutical pollution along the product lifecycle: roles and responsibilities for producers, regulators and prescribers.** Pharmacy (Basel) 2024; 12. 2024/11/22.
- Parnes MF and Weiss EM. **Digital mental health innovations in the face of climate change: navigating a sustainable future.** Psychiatr Serv 2024; : appips20240327. 2024/11/12.
- Pascale F and Achour N. **Envisioning the sustainable and climate resilient hospital of the future.** Public Health 2024; 237: 435–442. 2024/12.
- Pastorino S, Backlund U, Bellanca R et al. **Planet-friendly school meals: opportunities to improve children’s health and leverage change in food systems.** Lancet Planet Health 2024; 2024/11/15.
- Patel K, Ossig A and Kudsk-Iversen S. **A narrative review of the current available literature on the intersection between the climate crisis and paediatric surgical care.** Pediatr Surg Int 2024; 41: 3. 2024/11/23.

- Petrino R, Garcia-Castrillo L, Uccheddu G et al. **Awareness and preparedness of health systems and emergency medicine systems to the climate change challenges and threats: an international survey.** Eur J Emerg Med 2024; 2024/11/05.
- Romanello M, Walawender M, Hsu S-C et al. **The 2024 report of the Lancet Countdown on health and climate change: facing record-breaking threats from delayed action.** Lancet 2024; 404: 1847–1896. 2024/11/09.
- Schulman EB, Chen K and Chang AY. **Exploring the health impacts of climate change: Challenges and considerations for health services research.** Health Serv Res 2024; 2024/11/13.
- Thompson EJ, Alexander SE, Moneghetti K et al. **The interplay of climate change and physical activity: Implications for cardiovascular health.** Am Heart J Plus 2024; 47: 100474. 2024/11.
- Ueda D, Walston SL, Fujita S et al. **Climate change and artificial intelligence in healthcare: Review and recommendations towards a sustainable future.** Diagn Interv Imaging 2024; 105: 453–459. 2024/11.
- Veras MM and Saldiva PHN. **Impact of air pollution and climate change on maternal, fetal and postnatal health.** J Pediatr (Rio J) 2024; 2024/11/21.
- Wiskel T, Miles TT, Fonteyn M et al. **Frontline clinic perspectives on climate change, human health, and resilience: a national cross-sectional survey.** BMC Prim Care 2024; 25: 399. 2024/11/22.
- Wood B, Milsom P and Friel S. **No silver bullets, no shortcuts: confronting the commercial determinants of the climate crisis.** Lancet Planet Health 2024; 2024/11/07.
- Wu Y, Wen B, Gasevic D et al. **Climate change, floods, and human health.** N Engl J Med 2024; 391: 1949–1958. 2024/11/21.

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.

- Champman, N., Gadd, L. and David, L. **How will the climate and nature crises affect people in poverty?** New Philanthropy Capital. 2024.
- Large, H., Gadd, L. and Davis, L. **How will the climate and nature crises affect people experiencing health inequalities?** New Philanthropy Capital. 2024.
- Unlock Net Zero. **Cities, placemaking, living and the net zero challenge.** Unlock Net Zero. 2024.

Recent reports and news (grey literature)

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

- European Environment Agency. **Just sustainability transitions - from concept to practice.** EEA, 05 November 2024.
- European Environment Agency. **Beating chronic respiratory disease: the role of Europe's environment.** EEA, 07 November 2024.
- UK Health Alliance on Climate Change. **UKHACC Bulletin November 2024.** UKHACC, 15 November 2024.
- UK Health Alliance on Climate Change. **Making the connection between climate change and health inequalities.** UKHACC, 04 November 2024.
- World Meteorological Organization. **Climate information supports healthier cities.** WMO, 20 November 2024.

- World Meteorological Organization. **WMO: 2024 is on track to be the warmest year on record.** WMO, 07 November 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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