

Climate Change Bulletin

August 2026

New evidence relating to the impact on health equity of climate change in Scotland and beyond

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Recent peer-reviewed journal articles

A selection of publications from the last month relating to 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

- Bartolini E, Balestrini S, Battaglia G, Bernardo P, Falcicchio G, Fortunato F, et al. **Climate Change: A National Survey on Viewpoints of Italian Epilepsy-Care Professionals**. European Journal of Neurology. 2026;33(8)e70684.
- Bowen JM, Tilston NL. **Climate change and the growing threat of bunyaviruses**. Journal of Virology. 2026;e0177225.
- Carlson ES, Shah N, Denny J, Schroll A, Mahoney D, Schear S, et al. **The role of hospice and palliative care in addressing climate change. The American journal of hospice & palliative care**. 2026;10499091261477656.
- Caronna E, Sisodiya SM, Pozo-Rosich P, Boesch A, Reis J, Arsovska A, et al. **Climate Change, Neurological Disorders and Brain Health: To-Know Concepts and Future Actions by the EAN Environmental Influences in Neurology Task Force**. European Journal of Neurology. 2026;33(8)e70687.
- Cerceo E, Guidotti T, Cwikel J. **From siloed interventions to structural solutions: climate change as a test case for a new public health paradigm**. American Journal of Public Health. 2026;e1–6.
- Chatterjee C, Adhikari I, Sovacool BK. **Put health systems at the centre of European heatwave plans**. Nature. 2026;656(8126)266–266.
- Chenciner L, Briggs S, Shaw SE. **Prioritising climate action and sustainability in the UK Government's health and social care reforms**. Perspectives in public health. 2026;17579139261472736.
- Chukwu OO, Ezenwa M, Okpala MO, Alagbonsi AI. **Mental and physical health impacts of extreme weather events on women of reproductive age: A systematic review**. Journal of Health Psychology. 2026;13591053261470608.
- Cornelsen L, Law C, Derbyshire D, Medina-Lara A, Clark M, Amies-Cull B, et al. **Designing fiscal policies for health and climate: Trade-offs, co-benefits and distributional effects in Great Britain**. Social Science & Medicine. 2026;406119654.

- Deneault A-A, Lorteau S, Neville RD, Stern JA. **Disentangling the association between climate emotions and mental health outcomes**. Journal of Affective Disorders. 2026;407121697.
- D'Ovidio MC, Ciardini V, Lancia A, Capone P, Grandi C, Di Rita F, et al. **Allergic Respiratory Diseases in the Climate Change Context: Aerobiological Tools and Projections as Preventive Actions for Pollen-Induced Allergies**. Medical sciences : open access journal. 2026;14(4)
- Domingo JL, Nadal M. **Environmental justice and One Health: Toward an integrated framework for equitable and sustainable health outcomes**. The Science of the Total Environment. 2026;1051182275.
- Dorner TE, Stein KV. **Climate change and population ageing: the uncomfortable realities of our time and their implications for public health**. Gesundheitswesen (Bundesverband der Ärzte des Öffentlichen Gesundheitsdienstes (Germany)). 2026;
- Gaillard EA. **The effect of flooding on respiratory health in children and adults**. Expert review of respiratory medicine. 2026;
- Gohel B, Dakin T, Roschnik S, Garman AN. **Leadership for climate-resilient healthcare: insights from an ATACH technical meeting**. BMJ Leader. 2026;
- Gong P, Lan L, Guo R, Jiang S, Huang Z, Wang Z, et al. **Too hot to sleep? How heatwaves at night affect our health**. Nature. 2026;656(8128)562–4.
- Haas W, Gotsmy L, Baumgart A, Hutter H-P, Fastl C, Dorner TE. **Integrated climate and health policy interventions into everyday life can foster co-benefits for healthier aging and the climate**. Gesundheitswesen (Bundesverband der Ärzte des Öffentlichen Gesundheitsdienstes (Germany)). 2026;
- Halms T, Grimmer J, Hindermayr S, Leucht S, Sonntag N, Gensichen J, et al. **Climate-related distress in individuals with mental disorders in Germany: Results from a cross-sectional study**. Psychiatry Research. 2026;362117190.

- Kılıç S, Erkal Aksoy Y, Dereli Yılmaz S. **Education and a short animated film to promote climate change prevention: A randomized controlled trial of pregnant women's awareness and hope**. Public Health Nursing. 2026;
- Kumar M, Ojo TM, Hijazi Z, Lukorito C, Hassell JM, Hasan A, et al. **Why environmental treaties must also address mental health**. Nature. 2026;656(8127)292–6.
- Mabhaudhi T. **The UK drought is a warning: Climate change is a food and public health emergency**. BMJ. 2026;394e100609.
- MacKay M, Gosselin S, Sonier K, Wong J, Zamani S, Zarrinkalam F, et al. **Extreme heat in the age of generative AI: assessing the accuracy, accessibility, equity, and inclusion of theory for public health communication**. Journal of Health Communication. 2026;1–13.
- Malgesini A, Nazzaro G. **Climate change, skin, and health equity: expanding the role of the dermatologist**. International Journal of Dermatology. 2026;
- Marketou M, Caples N, Abela M, Dendale P, Gökdemir Ö, Korzh O, et al. **Climate change and cardiovascular risk factors management: emerging challenges and strategies for prevention and adaptation**. European journal of preventive cardiology. 2026;33(10)1770–82.
- Negahi A, Naseri A, Najdsepas H, Negahban H, Khosravi-Mashizi M, Alijanpour A, et al. **Climate-sensitive exposures and cancer outcomes: a systematic review and meta-analysis**. International Journal of Biometeorology. 2026;70(8)
- Parnes MF, Weiss EM, Grow HM. **Climate stewardship in the clinical setting**. Advances in Pediatrics. 2026;
- Pietroiusti R, Fischer E, Stuart-Smith R, Harrington LJ, Brimicombe C, Mengel M, et al. **Age-specific exposure to human-induced increases in humid heat**. Science Advances. 2026;12(35)eaeb3232.
- Radu R, Black A. **Mobilizing nursing leadership for planetary health: preparing the healthcare workforce for a warming world**. Nursing leadership (Toronto, Ont). 2026;38(3)76–81.

- Rijkers GT, Timraliyeva Z, Mackie E, Lupuşoara M. **Climate change and the immune system**. Expert review of clinical immunology. 2026;22(1)61–77.
- Rodés-Bachs C, Sampedro J, Amich M, Nikas A, Koasidis K, Belis CA, et al. **A socioeconomic assessment of projected health impacts from outdoor air pollution under current european climate policy: A modelling study**. The Lancet regional health Europe. 2026;67101754.
- Saranza G, Chen S-J, Guo YL, Abdelaziz S, Suratos CT, Solijon K, et al. **Environmental hazards and climate change: Unmasking Parkinson's hidden enemies**. Journal of Parkinson's disease. 2026;1877718X261479272.
- Sarpy C, Jung YS, Mita C, Wang X, Pearl PL, Mazumdar M. **Climate-related exposures and seizures in children: A systematic review**. Epilepsia. 2026;
- Shakoor A, Zhang Y, Li Y, Shan K, Yan C, Li Y, et al. **When water turns toxic: how climate change drives cyanotoxin biosynthesis-A mechanistic review**. World journal of microbiology & biotechnology. 2026;42(8)
- Shin S, Ham D, Bae S, Song M. **Toward a unified framework for climate and health research: gaps in exposure metrics and health outcomes**. Journal of Korean Medical Science. 2026;41(31)e294.
- Shukla A, Rughwani D, Aditya AK, Ray AK. **The impact of climatic extreme temperatures on gut microbiome-mediated cardio-metabolic health**. Environmental Pollution. 2026;408128877.
- Stark S, Klanke M, Quitmann C, Nieder J, Herrmann A, Lindenthal J, et al. **Medical training on climate change and health: evaluation of an online learning format for outpatient care**. Gesundheitswesen (Bundesverband der Ärzte des Öffentlichen Gesundheitsdienstes (Germany)). 2026;88(S 02)S220–8.
- Sürücü E, Altıntaş HK. **Climate change awareness among nursing students: A serial mediation model of knowledge pathways**. Nurse education today. 2026;168107375.

- Torales J, Ventriglio A, Castaldelli-Maia JM, Liebreinz M, Barrios I, O Higgins M. **Climate change as a threat multiplier: conflict pathways, inequities, and mental health impacts**. International Review of Psychiatry. 2026;38(5)576–88.
- Wang S, Liu H, Wu CYH, Huang X, Wang R, Yang Y, et al. **The boiling frog effect: Global warming delays emotional impacts of air pollution in warmer climates**. Journal of hazardous materials. 2026;514142440.
- Yamron E, Dahlquist M, Jonsson M, Nordberg P, Hollenberg J, Svensson L, et al. **Ambient air temperature and out-of-hospital cardiac arrest: A national case-crossover study**. Journal of Internal Medicine. 2026.

Recent grey literature - reports and publications from key organisations

Publications and reports from key organisations within the last month.

- Climate Change Committee. **Synergies between local climate mitigation and adaptation: CAG Consultants** [Internet]. London: Climate Change Committee; 2026 Aug 25 [cited 2026 Sep 3].
- European Environment Agency. **Climate** [Internet]. Copenhagen: European Environment Agency; modified 2026 Aug 5 [cited 2026 Sep 3].
- UK Health Alliance on Climate Change. **UKHACC Newsletter August 2026** [Internet]. London: UK Health Alliance on Climate Change; 2026 Aug 24 [cited 2026 Sep 3].
- Scottish Government. **£15 million fund to strengthen flood resilience** [Internet]. Edinburgh: Scottish Government; 2026 Aug 2 [cited 2026 Sep 3]. The announcement explicitly links climate change with increasing flood risk and adaptation in Scotland.

- Scottish Government. [Additional funding for community-owned renewable energy](#) [Internet]. Edinburgh: Scottish Government; 2026 Aug 12 [cited 2026 Sep 3]. The announcement covers renewable energy, decarbonisation, emissions reduction and community resilience and is categorised under “Environment and climate change”.
- World Health Organization Regional Office for Europe. [WHO launches GIS roadmap to strengthen public health systems by 2030](#) [Internet]. Copenhagen: WHO Regional Office for Europe; 2026 Aug 10 [cited 2026 Sep 3]. The release discusses the use of geographic information systems for heatwaves, wildfires and other climate-related hazards and events.

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