



Sustainability in Healthcare update March 2024

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Case Studies
Digital
Education
Estates & Facilities
Food & Nutrition
Journal articles
Mental Health
Nursing
Reports
Research
SusQI
Events/CPD
Listen-Watch-Read
E-books
NEW

Case Studies

[Greener NHS \(england.nhs.uk\)](https://www.england.nhs.uk)

[Health care climate learning initiative | Health Care Climate Action](#)

[First Wins Library - The Community of Practice for Climate Resilient and Low Carbon Sustainable Health Systems \(atachcommunity.com\)](#)

[Nature Recovery Ranger: Liverpool Hospitals - NHS Forest](#)

[NHS Royal Devon | 828 tonnes of carbon saved from installation of 16,000 LED lights](#)

[East Surrey Hospital wins national sustainability award for reducing plastic use](#)

[Northampton General Hospital NHS Trust Green Team Competition expected to save £252,864 & 40,172 kgCO₂e annually](#)

[Sheffield Teaching Hospitals NHS Foundation Trust Green Team Competition expected to save £85,712 and 34,008 kgCO₂e annually](#)

Digital

[Climate conscious health equity is essential to achieve climate-resilient digital healthcare – Journal of Climate Change & Health](#)

[Driving healthcare innovation with both patients and the planet at heart | Digital Health](#)

[Exploring Quantitative Methodologies for Assessing the Environmental, Social, and Economic Impacts of Telemedicine: A Literature Review - Sustainability](#)

[Hypotheses on environmental impacts of AI use in healthcare – Journal of Climate Change & Health](#)

[The role of telemedicine towards improved sustainability in health care and societal productivity in Turkey \(medrxiv.org\)](#)

Education

[Sustainable occupational therapy playbook - CASCADES Canada – freely available online book](#)

Estates & Facilities

[‘Critical role of infrastructure’ in the Net Zero drive \(healthstatejournal.com\)](#)

[Climate change the biggest threat to human health \(healthstatejournal.com\)](#)

Food & Nutrition

[Healthcare Institutions Move Towards Plant-Based Dining — Greener by Default](#)

[Implementation of sustainable food service systems in hospitals to achieve current sustainability goals: A scoping review – Clinical Nutrition ESPEN](#)

[NYC Health + Hospitals Celebrates 1.2 Million Plant-Based Meals Served - NYC Health + Hospitals \(nychealthandhospitals.org\)](#)

[Food waste management in Lebanese hospital food services: Findings from a first-of-its-kind cross-sectional study in the Arab region - Journal of Agriculture and Food Research](#)

Journal articles

[Framework for Assessing the Effects of Climate Change on Dementia Risk and Burden | The Gerontologist](#)

[Ambient heat and acute kidney injury: case-crossover analysis of 1 354 675 automated e-alert episodes linked to high-resolution climate data - The Lancet Planetary Health](#)

[Climate Change and Infectious Diseases: Navigating the Intersection through Innovation and Interdisciplinary Approaches - IJERPH](#)

[Climate warming, environmental degradation and pollution as drivers of antibiotic resistance – Environmental Pollution](#)

[Cutting back on low-value health care practices supports sustainable kidney care – Kidney International](#)

[Defining Roles and Responsibilities of the Health Workforce to Respond to the Climate Crisis | Environmental Health | JAMA Network Open](#)

[Ecogastroenterology: cultivating sustainable clinical excellence in an environmentally conscious landscape - The Lancet Gastroenterology & Hepatology](#)

[Effects of climate change on the health of children and young people – Nursing Standard](#)

[Extreme Heat Impacts on Acute Care: Examining Emergency Department Visits and Hospital Admissions During the 2021 British Columbia Heatwave. – Journal of Climate Change & Health](#)

[How can the environmental sustainability of healthcare products be taken into account throughout their life cycle? - Therapie](#)

[Improving consistency in estimating future health burdens from environmental risk factors: Case study for ambient air pollution – Environment International](#)

[Neurology and climate change: What we know and where we are going – Journal of Climate Change & Health](#)

[Health journal coverage of climate change and health: a bibliometric study | BMJ Global Health](#)

[Planetary health issues in the developing world: Dynamics between transportation systems, sustainable economic development, and CO2 emissions – Journal of Cleaner Production](#)

[Proceedings from the Inaugural Climate and Health Conference, October 21-22, 2023 – Journal of Climate Change & Health](#)

[Sustainability in healthcare: patient and public perspectives - Anaesthesia](#)

[Sustainability is critical for future proofing the NHS | The BMJ](#)

[The embodied carbon of paracetamol and the consumables associated with different routes of administration in pediatrics – Journal of Climate Change & Health](#)

[The health and welfare effects of environmental governance: Evidence from China – Environment International](#)

[The Impact of Climate Change on Respiratory Care: A Scoping Review – Journal of Climate Change & Health](#)

[The role of the health sector in tackling climate change: A narrative review – Health Policy](#)

Mental Health

[A systematic review of the relationship between natural environments and physiological and mental health during different stages of the COVID-19 pandemic – Science of the Total Environment](#)

Nursing

[Nurses' perceptions, attitudes, and perspectives in relation to climate change and sustainable healthcare practices: A systematic review – Journal of Climate Change & Health](#)

This update is also available online at <https://www.hantshealthcarelibrary.nhs.uk/latest-news.asp>

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[Understanding nurses' experience of climate change and then climate action in Western Canada – Journal of Advanced Nursing](#)

Reports

[Communicating on climate change and health: Toolkit for health professionals \(who.int\)](#)

Research

[Our commitments to climate, health and sustainability 2024-2026 | NIHR](#)

SusQI

[Decarbonizing Care Delivery Quality Improvement Workbook: Lowering Emissions from Anesthetic Gases | Institute for Healthcare Improvement \(ihi.org\)](#)

[Decarbonizing Care Delivery Organizational Readiness Assessment | Institute for Healthcare Improvement \(ihi.org\)](#)

[Environmental Sustainability in Curette and Cautey Skin Surgery: A Quality Improvement Project on Single-Centre Transformation to Sustainable Practices | Journal of Sustainable Dermatology in Practice \(ubplj.org\)](#)

Transport

[Shifting gears to green: A pilot study on decarbonizing patient transport – Journal of Climate Change & Health](#)

Events/CPD

[Short courses in sustainability, health and healthcare | Centre for Sustainable Healthcare](#)

[Training hub - Greener NHS Knowledge Hub - FutureNHS Collaboration Platform](#)

[Events | Sustainable Healthcare Networks Hub](#)

[Carbon Literacy for healthcare - e-learning for healthcare \(e-lfh.org.uk\)](#)

[LDN/CSH Sustainable Healthcare Academy Launch Webinar 23rd April 2024](#)

[Greener Allied Health Professions \(AHP\) Week 2024 | Sustainable Healthcare Networks Hub 22nd – 26th April 2024](#)

[Joint Conference on Research Outputs - MRC, Greener NHS and NIHR \(hybrid\) Virtual registration only - UK Research and Innovation - Citizen Space \(ukri.org\) 29th April 2024](#)

[Great Big Green Week – 8th-16th June](#)

Listen / Watch / Read

[Five takeaways from the Green Surgery report-The Health Foundation](#)

[One day in 2036 – imagining the net zero NHS of the future Health Foundation](#)

[How we're supporting health and care to tackle the climate crisis - The Nursing and Midwifery Council](#)

[ATACH Global Meeting: Transforming health systems in the face of climate change \(who.int\) Recording](#)

[Repository of systematic reviews on interventions in environment, climate change and health \(who.int\) Excel spreadsheet](#)

[Clinical ECHO February 2024 - Richard Smith speaks about reducing the carbon footprint of end-of-life care- YouTube](#)

[Environment: Building climate resilient and low carbon health care facilities - WHO's webinar - YouTube](#)

[An immersive installation to encourage imaginative thinking on getting the NHS to net zero – UK Health Alliance on Climate Change](#)

[Health Care and Climate Change: Lessons From a Movement for Industry Decarbonization \(ssir.org\)](#)

[The Health Community at COP28 - Where Do We Go to From Here? - The Global Climate and Health Alliance](#)

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[Scarlett McNally: Enabling active travel can improve the UK's health | The BMJ](#)

[CSH Partners With KitNewCare To Enhance Kidney Care Across Europe | Centre for Sustainable Healthcare](#)



***NEW** [Sustainable occupational therapy playbook - CASCADES Canada](#) – freely available online book

***NEW** [Open Access Journal Journal of Sustainable Dermatology in Practice \(ubplj.org\)](#)

E-Books

NHS England have provided a collection of 27 e-books on Sustainability which are freely available with your NHS OpenAthens login

Access e-books on Sustainability [here](#)

Register for an OpenAthens account [here](#)

Further information

[Centre for Sustainable Healthcare - Resources](#)

[Climate Cares](#)

[NICE Environment publications](#)

[Greener NHS \(england.nhs.uk\)](#)

[Health Care Climate Action](#)

[Greener Allied Health Professional hub](#)

[EcoQUIP | Health Care Without Harm \(noharm-europe.org\)](#)

[Fab NHS Stuff](#)

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