



# Sustainability in Healthcare update October 2024

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Case Studies  
Climate Change  
Digital  
Estates & Facilities  
Food & Nutrition  
Journal articles  
Mental Health  
Nursing & Midwifery  
Pharmacy  
Occupational Therapy  
Procurement  
Reports  
Research  
SusQI  
Travel & Transport  
News  
Events/CPD  
Listen-Watch-Read  
E-books

## Case Studies

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

[North East and Yorkshire » Barnsley Community Diagnostic Centre: a beacon of environmental sustainability](#)

[Double success for Northumbria Healthcare as it achieves two silver accreditations for its commitment to sustainability](#)

[NHS trust wins award for blue plates initiative](#)

[Health care climate learning initiative | HCCA](#)

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

[Case Studies from the Green Team Competition | Sustainable Healthcare Networks Hub](#)

## Climate Change

[Climate Change and Allergic Diseases: A scoping review – Journal of Climate Change & Health](#)

[Impact of extreme heat and heatwaves on children's health: A scoping review - JCCH](#)

[Impact of climate change on rheumatic diseases: A](#)

[scoping review – Journal of Climate Change & Health](#)

[Planetary health prescriptions: Finland's new physician role connects human and climate health | The BMJ](#)

[Projected impact of climate change on human health in low- and middle-income countries: a systematic review | BMJ Global Health](#)

[Rapid review of the impacts of climate change on the health system workforce and implications for action – Journal of Climate Change & Health](#)

[Strategies and tactics to reduce the impact of healthcare on climate change: systematic review | The BMJ](#)

[The human health burden of climate change: Non-economic losses and ethical considerations towards achieving planetary health - JCCH](#)

[The impact of increasing temperatures due to climate change on infectious diseases | The BMJ](#)

## Digital

[Data centre emissions are soaring – it's AI or the climate \(theconversation.com\)](#)

[How might Hospital at Home enable a greener and healthier future? | npj Digital Medicine](#)

## Education

[A qualitative study of what motivates, facilitates, and hinders climate-engaged healthcare trainees to advance healthcare sustainability - JCCH](#)

[Environmental Sustainability in Oral Health Professional Education: Approaches, Challenges, and Drivers - Eur J Dent Educ](#)

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SHFT: [library.services@southernhealth.nhs.uk](mailto:library.services@southernhealth.nhs.uk)

### *Estates & Facilities*

[Analysis and forecast of emissions associated with electricity consumption in hospitals: Encouraging a net zero healthcare roadmap in Brazil – Energy & Buildings](#)

[Sustainable Future-Proof Healthcare Facilities: Modular and Adaptable Design Approach | Journal of Management in Engineering](#)

### *Food & Nutrition*

[Enhancing food sustainability in the acute hospital setting – a nurse-led study of patient food | British Journal of Nursing](#)

[Integrating environmental sustainability into food-based dietary guidelines in the Nordic countries - Food Nutr Res](#)

### *Journal articles*

[A focus group study of ethical issues during climate-informed health decision-making | Nature Climate Change](#)

[A framework for ageing and health vulnerabilities in a changing climate | Nature Climate Change](#)

[A narrative review of personal protective equipment gowns: lessons from COVID-19 – Br J Anaesth](#)

[Building a sustainable future in health care: collaboration and framework for meaningful life cycle assessment – Can J Anaes](#)

[Development and Validation of the Climate Change-Related Reproductive Concerns Scale \(CCRCS\) – Journal of Climate Change & Health](#)

[Effects of manual and syringe pump induction of total intravenous anaesthesia on propofol waste: a single-centre retrospective analysis – Br J Anaes](#)

[Efficiency of passive activated carbon anaesthetic gas capturing systems during simulated ventilation – Br J Anaes](#)

[Environmental impact of intravenous versus oral administration materials for acetaminophen and ketoprofen in a French university hospital: an eco-audit study using a life cycle analysis - Can J Anaesth](#)

[Environmental Sustainability in Dermatological Surgery. Part 1: Reducing Carbon Intensity | Clinical](#)

[and Experimental Dermatology](#)

[Environmentally sustainable surgical systems – BMJ Global Health](#)

[Evaluating progress and accountability for achieving COP26 Health Programme international ambitions for sustainable, low-carbon, resilient health-care systems - The Lancet Planetary Health](#)

[First step to environmentally sustainable endoscopy practice: Prospective study of minimizing multiple device use during screening colonoscopy at a large tertiary center - Endoscopy](#)

[Governance to enable climate resilient development of healthcare systems – A conceptual overview - JCCH](#)

[Integrating social, climate and environmental changes to confront accelerating global aging | BMC Public Health](#)

[MCF classifier: Estimating, standardizing, and stratifying medicine carbon footprints, at scale - British Journal of Clinical Pharmacology](#)

[Nitrous Oxide Manifold and Other Reduction of Emissions \(NoMoreGas\): a multicentre observational study evaluating pre-utilisation loss of nitrous oxide – Br J Anaes](#)

[Pediatric climate distress: A scoping review and clinical resource - The Journal of Climate Change & Health](#)

[Perceptions and decision-making of dental professionals to adopting sustainable waste management behaviour: a Theory of Planned Behaviour analysis | British Dental Journal](#)

[Perspectives and awareness of environmental sustainability in the infection prevention and control community nationally - Antimicrob Steward Healthc Epidemiol](#)

[Reducing Radiology Carbon Footprint - A Single Centre Experience - Journal of Medical Imaging and Radiation Sciences](#)

[Sustainability in NHS planning and development | British Journal of Healthcare Management](#)

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SHFT: [library.services@southernhealth.nhs.uk](mailto:library.services@southernhealth.nhs.uk)

[Sustainability in radiation oncology: opportunities for enhancing patient care and reducing CO2 emissions in breast cancer radiotherapy at selected German centers - Strahlenther Onko!](#)

[The current state of sustainable healthcare in Australia - Australian Health Review](#)

[Tracking climate adaptation in hospitals: An inventory of structural measures – Climate Risk Management](#)

### *Mental Health*

[Environmental Factors for Sustained Telehealth Use in Mental Health Services: A Mixed Methods Analysis - Int J Telemed Appl](#)

[Global Climate Change, Mental Health, and Socio-Economic Stressors: Toward Sustainable Interventions across Region - Sustainability](#)

[Imperial College London, Climate Cares Centre – Published Research](#)

[Climate Minds Coalition | Consensus Statement](#)

### *Nursing & Midwifery*

[Advancing sustainable healthcare: a concept analysis of eco-conscious nursing practices | BMC Nursing](#)

[A mountain of waste created daily: a thematic analysis of environmental sustainability experiences of postgraduate intensive care nursing students | BMC Nursing](#)

[Inspiring nurses' sustainability mindset: Exploring the Mediating Role of Organizational Culture on the relationship between Pro-social Leader behaviors and nurses' sustainability consciousness – BMC Nursing](#)

[Nursing for the Planet - Nursing Sustainability Network- Centre for Sustainable Healthcare](#)

### *Occupational Therapy*

[Environmentally sustainable person-centred care: Occupational therapy students' attitudes, perceptions and self-perceived preparedness for practice - Australian Occupational Therapy Journal](#)

### *Pharmacy*

[Principles of sustainable healthcare in pharmacy practice - The Pharmaceutical Journal](#)

### *Procurement*

[Net Zero and Sustainable Procurement Team webinar programme | NHS England Events](#)

[Evergreen Supplier Maturity Dashboard](#)

### *Reports/Policy Papers*

[Design for Life roadmap - GOV.UK](#)

[Environmental sustainability in intensive care: the path forward. An ESICM Green Paper | Intensive Care Medicine](#)

[Health and Environment Alliance \(HEAL\) Annual Report 2023-2024-SCREEN.pdf](#)

[Manifesto for a Sustainable Healthcare System and Healthier EU Citizens | Health Care Without Harm \(Europe\) \(noharm.org\)](#)

[Plant-powered Planet: Building a healthy & sustainable food system - UK Health Alliance of Climate Change](#)

[The 2024 report of the Lancet Countdown on health and climate change: facing record-breaking threats from delayed action - The Lancet](#)

[The United European Gastroenterology green paper—climate change and gastroenterology - United European Gastroenterology Journal](#)

### *Research*

[Climate services for a Net Zero resilient world - GOV.UK \(www.gov.uk\)](#)

[The Multi-Country Multi-City Collaborative Research Network: An international research consortium investigating environment, climate, and health - Environmental Epidemiology](#)

[The Lancet Planetary Health, October 2024, Volume 8, Issue 10](#)

### *SusQI*

[Exploring Sustainability and Efficiency Improvements in Healthcare: A Qualitative Study - Sustainability](#)

[Linking theory and practice to advance sustainable healthcare: the development of maturity model version 1.0 - BMC Health Serv Res](#)

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### *Travel & Transport*

[EVs meet health: A complex-systems policy integration approach for electric vehicle adoption and its impact on respiratory and cardiovascular disease - Journal of Transport & Health](#)

### *News*

[A response to NICE on their lack of urgency to act on environmental sustainability – UK Health Alliance on Climate Change](#)

[Change NHS – Help build a health service that is fit for the future - Questionnaire](#)

[Health threats from climate emergency reach “concerning new records,” says report | The BMJ](#)

[Spanish floods: Experts call for clearer warnings | The BMJ](#)

[EU tightens air quality standards as part of commitment to improving health | The BMJ](#)

[Food industry executives are called on to commit to healthier, more sustainable products | The BMJ](#)

[Why are we seeing more pandemics? Our impact on the planet has a lot to do with it](#)

[NACCS Statement about the use of Desflurane](#)

[The Kew Lecture: Foreign Secretary's speech on the climate crisis - GOV.UK](#)

### *Events/CPD*

[Delivering greener, more sustainable, net zero mental healthcare \(rcpsych.ac.uk\) \*\*NEW\*\* e-learning](#)

[Courses - Academy of Medical Royal Colleges](#)

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

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

[Digital Sustainability - Meet Spenser the Dispenser | NHS England Events 12:30 -1:30pm 19/11/2024](#)

[Sustainability in Dentistry: An introduction to the Green Impact Toolkit – 27/11/2024 1:00-2:00pm](#)

[Food, Health and the Environment | NHS England Events 12:30 – 1:30pm 29/1/2024](#)

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

[WHO Technical Webinar Series on Climate Change and Health](#)

[Healthcare and sustainability education and training - CPDmatch - find courses, conferences, webinars, study days and relevant articles.](#)

### *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](#)

### *Listen / Watch / Read*

[How can I encourage my colleagues to be greener? | The BMJ](#)

[The climate crisis: a critical threat to mental health | The King's Fund \(kingsfund.org.uk\)](#)

[UKHACC Bulletin October 2024 – UK Health Alliance on Climate Change](#)

[Public Health Scotland Climate Change Bulletin October 2024](#)



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