

Sustainability in Healthcare update April 2024

If you need help getting hold of the full text of anything here or require a more focussed search, please contact the Healthcare Library.

Case Studies	Nursing & Midwifery
Climate Change	Reports
Estates & Facilities	SusQI
Guidance	Events/CPD
Journal articles	Listen-Watch-Read
	E-books

Case Studies

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

[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 \(atachcommunity.com\)](#)

[Case Study - The Hillingdon Hospitals NHS Foundation Trust \(grundon.com\)](#)

[No longer an electric dream: SHSC goes emission free with fleet of electric vans | Sheffield Health and Social Care](#)

[Award-winning virtual clinic prevents almost 13,000 hospital visits and saves over 110,000kg in CO2 emissions : Surrey and Sussex Healthcare NHS Trust](#)

[Reducing Pollution from Inhalational Anesthetics - The Community of Practice for Climate Resilient and Low Carbon Sustainable Health Systems \(atachcommunity.com\)](#)

Climate Change

[Advocating for a Healthy Response to Climate Change - COP28 and the Health Community - NEJM](#)

[The global health community at international climate change negotiations | BMJ Global Health](#)

Estates & Facilities

[Solar-assisted clean steam generator, a cleaner production approach for sustainable healthcare facilities – Journal of Cleaner Production](#)

[A novel parallel heuristic method to design a sustainable medical waste management system – Journal of Cleaner production](#)

Guidance

[Food and drink waste hierarchy: deal with surplus and waste - GOV.UK \(www.gov.uk\)](#)

Journal articles

[Air pollution and human health: a phenome-wide association study | BMJ Open](#)

[A lack of quality statistics is hiding the real heatwave death toll | The BMJ](#)

[A Pilot Study into the Use of Qualitative Methods to Improve the Awareness of Barriers to Sustainable Medical Waste Segregation within the United Kingdom's National Health Service - Sustainability](#)

[Balancing Patient Needs With Environmental Impacts for Best Practices in General Anesthesia: Narrative Review and Clinical Perspective - Anaesthesia Critical Care & Pain Medicine](#)

[Carbon footprint of healthcare systems: a systematic review of evidence and methods - BMJ Open](#)

[Carbon Footprint of Open Carpal Tunnel Release Surgery Performed in the Procedure Room Versus Operating Room Setting - J Hand Surg Am](#)

[Climate Change, Kidney Health, and Environmentally Sustainable Kidney Care - J Am Soc Nephrol](#)

[Clearing the air: Assessing healthcare professionals' awareness of air pollution's health consequences – Future Healthc J](#)

[Effect of heatwaves on daily hospital admissions in Portugal, 2000–18: an observational study - The Lancet Planetary Health](#)

[Environmental sustainability and gynaecological surgery: Which factors influence behaviour? An interview study - BJOG](#)

[Environmentally sustainable design guide for haemodialysis facilities: An Australian and New Zealand society of Nephrology initiative - Nephrology](#)

[Environmentally sustainable opportunities for health systems: metered-dose inhaler prescribing, dispensing, usage, and waste at The Ottawa Hospital – Lancet Planetary Health](#)

[Examining public perceptions and concerns about the impact of heatwaves on health outcomes using Twitter data – Journal of Climate Change & Health](#)

[Exploring anaesthetists' views on the carbon footprint of anaesthesia and identifying opportunities and challenges for reducing its impact on the environment – Anaesthesia & Intensive Care](#)

[Greener healthcare operations during COVID-19 pandemic: A data envelopment analysis approach – Journal of Cleaner Production](#)

[Greening Hand Surgery: Targeted Measures to Reduce Waste in Ambulatory Trigger Finger and Carpal Tunnel Decompression - Hand](#)

[Handling 'carbon footprint' in orthopaedics - Ann R Coll Surg Engl](#)

[Improving Environmental Sustainability of Operating Theatres: A Systematic Review of Staff Attitudes, Barriers, and Enablers – Annals of Surgery](#)

[Managing greenhouse gas emissions in the terminal year of life in an overwhelmed health system: a paradigm shift for people and our planet - The Lancet Planetary Health](#)

[Placental DNA methylation signatures of prenatal air pollution exposure and potential effects on birth outcomes: an analysis of three prospective cohorts - The Lancet Planetary Health](#)

[Planetary Health and Radiology: Why We Should Care and What We Can Do - Radiology](#)

[Reducing the carbon footprint of general anaesthesia: a comparison of total intravenous anaesthesia vs. a mixed anaesthetic strategy in 47,157 adult patients - Anaesthesia](#)

[Shaping the Future of Healthcare: Integrating Ecology and Digital Innovation - Sustainability](#)

[Short-term impact of air pollution, noise and temperature on emergency hospital admissions in Madrid \(Spain\) due to liver and gallbladder diseases – Environmental Research](#)

[Substantiating 'green' healthcare decisions: an explorative life cycle assessment study to identify differences in greenhouse gas emissions between general vs. regional anaesthesia for upper extremity surgery – Eur J Anaesthesiol](#)

[Sustainable Healthcare Quality and Job Satisfaction through Organizational Culture: Approaches and Outcomes - Sustainability](#)

[Sustainable orthopaedics: the needs and challenges – Orthopaedics & Trauma](#)

[The barriers and facilitators to the design and delivery of sustainable healthcare across NHS Scotland: A forcefield analysis - Future Healthc J](#)

[The carbon footprint of arthroscopic procedures - Ann R Coll Surg Engl](#)

[The carbon footprint of different modes of birth in the UK and the Netherlands: An exploratory study using life cycle assessment - BJOG](#)

[The Effectiveness of Educational Interventions in Improving Waste Management Knowledge, Attitudes, and Practices among Healthcare Workers: A Systematic Review and Meta-Analysis - Sustainability](#)

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

HHFT Basingstoke: library.basingstoke@hhft.nhs.uk **HHFT Winchester:** library.winchester@hhft.nhs.uk
SHFT: library.services@southernhealth.nhs.uk

[The environmental impact of hip and knee arthroplasty: An analysis of carbon emissions and disposal costs – The Surgeon](#)

[Transitioning to sustainable, climate-resilient healthcare: insights from a health service staff survey in Australia - BMC Health Serv Res](#)

[Uncertainties and opportunities in delivering environmentally sustainable surgery: the surgeons' view - Anaesthesia](#)

[What evidence exists regarding the impact of biodiversity on human health and well-being? A systematic map protocol | Environmental Evidence](#)

Nursing & Midwifery

[Factors affecting environmental sustainability attitudes among nurses - Focusing on climate change cognition and behaviours: A cross-sectional study – J Adv Nurs](#)

[International Day of the Midwife \(IDM\) 2024 Toolkit - International Confederation of Midwives](#)

[The environmental awareness of nurses as environmentally sustainable health care leaders: a mixed method analysis – BMC Nurs](#)

Reports

[Health equity impacts of climate change - GOV.UK](#)

[UK and England's carbon footprint to 2021 - GOV.UK](#)

[Report. From milligrams to megatons: A climate and nature assessment of ten key health products. \(unitaid.org\)](#)

[Revisioning-the-public-health-system to tackle the Climate and Ecological Crises.pdf \(fph.org.uk\)](#)

[Addressing Single-Use Plastic and Waste in Public Health Wales' Microbiology Labs - World Health Organization Collaborating Centre On Investment for Health and Well-being \(phwwhocc.co.uk\)](#)

[Rethinking the food system for health, climate and nature » Green Alliance \(green-alliance.org.uk\)](#)

SusQI

[Plastic waste in major orthopaedic surgical procedures: descriptive and sources of improvement – Int Orthop](#)

[The Getting It right First Time \(GIRFT\) programme in urology; rationale and methodology – BJU Int](#)

News

[NHS England » Guidance: Desflurane decommissioning and clinical use](#)

[The rise of eco-anxiety: scientists wake up to the mental-health toll of climate change \(nature.com\)](#)

[As governments fail us on climate change, courts are forced to consider ethical questions - The Journal of Climate Change and Health](#)

[The UK's Climate Change Act, once the envy of the world, faces a stress test \(theconversation.com\)](#)

[New EU trade rules could put poor countries in a billion dollar 'green squeeze' \(theconversation.com\)](#)

["I'm not asking to be let off"—suspended climate activist GP Sarah Benn continues to stand her ground | The BMJ](#)

[WHO: World makes strides towards better health, but work is needed on sustainable development goals | The BMJ](#)

[Doctors protest outside GMC offices to demand climate action | The BMJ](#)

Continued on the next page

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

HHFT Basingstoke: library.basingstoke@hhft.nhs.uk **HHFT Winchester:** library.winchester@hhft.nhs.uk
SHFT: library.services@southernhealth.nhs.uk

Events/CPD

[Food security from a planetary health perspective Tickets, Jun 18, 2024 at 2:00 PM](#)

[SusQI Showcase 2024 – 19th June on Zoom - CSH](#)

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

[London Climate Action Week - 22nd – 30th June](#)

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

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

[WHO Academy](#) - Learn about building health system climate resilience and decarbonization to promote and protect health in the face of climate change.

Listen / Watch / Read

[Data Explorer | Climate Action Tracker](#)

[Less is more for greener intensive care – Intensive Care Medicine - editorial](#)

[Planetary health Report Card 2024](#)

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](#)

[@GreenerNHS](#)

[#Sustainablehealthcare](#)



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

HHFT Basingstoke: library.basingstoke@hhft.nhs.uk **HHFT Winchester:** library.winchester@hhft.nhs.uk
SHFT: library.services@southernhealth.nhs.uk