

# Sustainability in Healthcare update December 2022

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Food

[Greener NHS Bulletin – December 2022](#)

## Case Studies

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

[What's already happening](#)

## COP27

[COP27 is a reminder of the NHS's vital role in addressing climate change - The Health Foundation](#)

[Climate emergency: The polluters must pay - BMJ](#)

[COP27 establishes loss and damage fund to respond to human cost of climate change - The Lancet Planetary Health](#)

[COP27 will be remembered as a failure – here's what went wrong \(theconversation.com\)](#)

## Digital

[Digital transformation and sustainability: How we can boost efficiencies and protect the environment National Health Executive | Nov-Dec 2022](#)

[Assessing the carbon footprint of digital health interventions: a scoping review | Journal of the American Medical Informatics Association](#)

[We can't mitigate what we don't monitor: using informatics to measure and improve healthcare systems' climate impact and environmental footprint | Journal of the American Medical Informatics Association](#)

[Medical informatics and climate change: a framework for modeling green healthcare solutions | Journal of the American Medical](#)

[Informatics Association | Oxford Academic \(oup.com\)](#)

## E-Books

HEE 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](#)

## Education

[An evidence-based roadmap to integrate planetary health education into the medical curriculum - Medical Teacher](#)

[Planetary health and sustainability teaching in UK medical education: A review of medical school curricula – Medical Teacher](#)

[The evolving call to action for including climate change and environmental sustainability themes in health professional education: A scoping review - The Journal of Climate Change and Health](#)

## Estates

[Estates infrastructure \(bma.org.uk\)](#)

[Waste Management and the Perspective of a Green Hospital: A Systematic Narrative Review - IJERPH](#)

[The Value of Sound Environmental Practices in Healthcare Facilities Management – Frontiers of Health Services Management](#)

## Food

[Environmental sustainability in national food-based dietary guidelines: a global review - The Lancet Planetary Health](#)

## Global Health

[Nature Step to Health 2022-2032:](#)

[Interorganizational collaboration to prevent human disease, nature loss, and climate crisis - The Journal of Climate Change and Health](#)

[ClimaHealth – New 'Global Knowledge for Climate and Public Health' Platform providing climate science basis for climate adaptation and mitigation activities](#)

### **Nursing**

[Perceptions and concerns about sustainable healthcare of nursing students trained in sustainability and health: A cohort study – Nurse Education in Practice](#)

[Gloves off: greener infection control with just one small change \(rcni.com\)](#)

### **Journal articles**

[Theory into practice: Applying design for sustainable behaviour to drive single use cup recycling – The Design Journal](#)

[Health Care Waste | Journal of Ethics](#)

[First, do no harm: time for a systems approach to address the problem of health-care-derived pharmaceutical pollution - The Lancet Planetary Health](#)

[A Plan For Developing a Guide to Climate & Health Justice Education: Process and Content – The Journal of Climate Change & Health](#)

[The Planetary Health Equity Hothouse: a research agenda for positive change – The Journal of Climate Change & Health](#)

[Special Issue article: Pathways to Climate Health: Active learning and effective communication to optimize climate change action An Evaluation of The Climate Change and Renal Health Awareness and Education Toolkit for Healthcare Providers: Reducing Climate-Health Risks in Primary Care - The Journal of Climate Change and Health](#)

[Incorporating 'Green Podiatry' into your clinic, and into your life | Journal of Foot and Ankle Research](#)

[A New Method to Improve the Environmental Sustainability of the Operating Room: Healthcare Sustainability Mode and Effect Analysis \(HSMEA\) - Sustainability](#)

[The time to act is now: a call to action on planetary health and sustainable surgical systems - The Lancet Planetary Health](#)

[The counterintuitive role of efficiency: implications for the ecological impact of health care - The Lancet Planetary Health](#)

[Air pollution, climate conditions and risk of hospital admissions for psychotic disorders in U.S. residents - Environment Research](#)

[Climate change and health care facilities: A risk analysis framework through a mapping review – Environmental Research](#)

[Effective Medical Waste Management for Sustainable Green Healthcare - IJERPH](#)

[Empowering students and health workers to take action on climate change - Medical Teacher](#)

[The environmental impact of the Dutch health-care sector beyond climate change: an input–output analysis - The Lancet Planetary Health](#)

[Incorporating carbon into health care: adding carbon emissions to health technology assessments - The Lancet Planetary Health](#)

[HealthcareLCA: an open-access living database of health-care environmental impact assessments - The Lancet Planetary Health](#)

[Nature Step to Health 2022-2032: Interorganizational collaboration to prevent human disease, nature loss, and climate crisis - The Journal of Climate Change and Health](#)

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

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



[Attitudes of US Emergency Medicine Program Directors towards the Integration of Climate Change and Sustainability in Emergency Medicine Residency Curriculum - The Journal of Climate Change and Health](#)

[Sustainability in Health Care | Annual Review of Environment and Resources](#)

### QI

[“Concrete ways we can make a difference”: A multi-centre, multi-professional evaluation of sustainability in quality improvement education: Medical Teacher](#)

### Public Health

[A review on enhanced microplastics derived from biomedical waste during the COVID-19 pandemic with its toxicity, health risks, and biomarkers – Environmental Research](#)

### Research

[Reduce Carbon Study \(pttu.org.uk\)](#)

[Delivering a sustainable health and care system - themed call information | NIHR](#)

### Reports

[Pressures grow on health care industry to reduce climate pollution \(statnews.com\)](#)

[NG80 Asthma inhalers and the environment patient decision aid \(nice.org.uk\)](#)

[Inhaler carbon footprint - PrescQIPP C.I. C. Bulletin 295](#)

[We found Britain's greenest city centre – and its least green \(theconversation.com\)](#)

### News

[More support needed to help the NHS reach net zero \(bma.org.uk\)](#)

[Climate change and air pollution \(bma.org.uk\)](#)

[How the NHS can achieve its net zero strategy National Health Executive : Nov-Dec 2022](#)

[Open access database of published life cycle assessments in the healthcare industry - HealthcareLCA](#)

[Health Orgs Welcome COP27 Loss and Damage Finance But Slam Fossil Fuel Stasis - The Global Climate and Health Alliance](#)

[Could video streaming be as bad for the climate as driving a car? Calculating Internet's hidden carbon footprint \(theconversation.com\)](#)

### Events/CPD

[Tackling the climate crisis - recommended learning for healthcare staff - TEL blog \(hee.nhs.uk\)](#)

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

[Effective system working: what are the health benefits of working with wider system partners Monday 23 January 2023, 18:45-20:15 Registration is essential](#)

[Combating the Health Effects of Climate Change 8-week Sustainability in Healthcare ECHO series Wednesdays 1 February 1 to 22 March 2023](#)

[10 Resources for your NHS Wales Decarbonisation Action Plan | Centre for Sustainable Healthcare](#)

### Listen & Watch

[The NHS and climate change | The King's Fund](#)

[Caring for people and our planet: Dr Dominique Allwood on health inequalities and climate change | The King's Fund \(recording\)](#)

[Quality Improvement for Our Patients, People and Planet - YouTube](#)

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



*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](#)

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