

PEACCH Webinar Series Booklet

Project to Embed Adaptation to Climate Change in Healthcare [PEACCH]

PEACCH is a project coordinated by researchers from Cambridge University's Centre for Sustainable Development in conjunction with partners at Anglia Ruskin University and NHS practitioners. Its aim is to embed action to respond and adapt to climate change in healthcare facilities. Aligned with the recently adopted NHS Climate Adaptation Framework (<https://www.england.nhs.uk/long-read/a-climate-adaptation-framework-for-nhs-organisations-in-england/>) and building on research outputs from Life Resysta research project (<https://life-resysta.eu/>), PEACCH will deliver a series of 4 webinars and a document toolkit. The webinars will be recorded and made available for future viewing.

The intent of the project is to increase awareness not only of the need to adapt, but also to provide practical steps that managers and practitioners can take to adapt their environments and practices to the main climate risks facing UK healthcare.

Webinar Title	Topic	Date
1. Introduction to Climate Adaptation in Healthcare	Introduction to climate adaptation, what this means in the context of UK hospitals and the UK policy landscape	Tues 17 Jun 2025 1200-1300
2. Adapting to heat	A closer look at heat risks in healthcare facilities, with intervention options and with a UK case study	Wed 18 Jun 2025 1200-1300.
3. Adapting to water risk (flood and drought)	A closer look at flooding and drought risk in UK healthcare facilities, with intervention options and a UK case study	Mon 23 Jun 2025 1200-1300.
4. Embedding climate adaptation action within health systems	Embedding action to adapt to climate change in your organisation - what tools are there to help you take action	Wed 25 Jun 2025 1200-1330

Detailed programme

Webinar 1: Introduction to Climate Adaptation in Healthcare

Tues 17 Jun 2025 1200-1300. Intent of the session is to introduce people to climate adaptation in the context of NHS and healthcare sector (not just generically).

Speaker	Topics
Louise Elstow	Welcome, introduction to PEACCH and the session An introduction to climate adaptation: What is it and what is it not? How does it differ to mitigation and the possibility for mutually beneficial action? What kinds of interventions can we make in order to adapt and who might be involved?
Alexis Percival	A focus on adaptation in the health sector: What are the key climate-driven risks for the NHS? Why is it critical to think about climate adaptation in the NHS – what are the potential impacts in the short, medium and long term?
Federica Pascale	Healthcare Adaptation Research: An overview of research projects investigating climate adaptation in healthcare
Neil Cartwright	UK Healthcare Adaptation Policy: An introduction to the healthcare climate adaptation policy landscape in the UK
Louise Elstow	Facilitated Q&A session Session close

Webinar 2: Adapting to heat

Date: Wed 18 Jun 2025 1200-1300. Intention of the session is to provide a deeper dive into heat risk in healthcare facilities

Federica Pascale	Welcome, introduction to PEACCH and the session An introduction to climate-change-driven heat risk: An overview of what to expect from heat and its impacts in healthcare settings, plus tools for understanding heat risk at a site level
Alexis Percival	An overview of physical interventions for heat risks
Susie Vernon	Sussex Community NHS Trust Case Study: Findings from research on impacts on their patients and staff of 2022 heatwave, use of an Impact Assessment, and an overview of interventions considered or implemented
Federica Pascale	Facilitated Q&A session Session close

Webinar 3: Adapting to water risk (flood and drought)

This event is co-funded by EPSRC and ESRC Impact Acceleration Award: EP/X525686/1

Date: Mon 23 Jun 2025 1200-1300. Intention of the session is to provide a deeper dive into flooding and water scarcity.

Louise Elstow	Welcome, introduction to PEACCH and the session
Alexis Percival	An introduction to climate-driven-water risks (flooding and drought): What to expect from changes in water – too much, too little and low quality water – and how this could impact on the health service. An overview of physical interventions for flooding and drought risks and key projects engaging with water risks.
Jamie Fountain	East of England Ambulance Service Trust Case study: An overview of the impact of flooding at St Neots Ambulance station and actions EASST is taking to address these to reduce future risks.
Louise Elstow	Facilitated Q&A session Reminder about final session

Webinar 4: Embedding climate adaptation action within health systems (1.5 hours)

Date: Wed 25 Jun 2025 1200-1330. A session signposting tools and resources

Louise Elstow	Welcome, introduction to PEACCH and the final session
Morgan Roberts	Introduction to the NHS Climate Adaptation Framework and NHS Climate Change Risk Assessment (CCRA) Tool
Petar Tabakov	The future of sustainable procurement and what this means for adaptation
Louise Elstow	12 principles for making adaptation-positive investment decisions
Karen Amber	NHS Commercial Solutions Sustainable Estates Solutions Framework.
Alexis Percival	Finding creative ways to fund adaptation
Maryam Imani	Embedding monitoring of implementation for good governance – case study of drainage systems (SUDS) at ARU's Peterborough Campus and how this is being monitored
Louise Elstow	Facilitated Q&A session Closing of the webinar series

Speakers



Dr. Louise Elstow, Infrastructure Climate Adaptation Research Associate, Centre for Sustainable Development, Cambridge University

Louise is a resilience specialist and research associate at the Centre for Sustainable Development in Cambridge University, where she worked on adaptation-positive investment decisions in healthcare. Her research has focused on climate resilience in healthcare facilities and making new knowledge in contamination emergencies. Outside academia she is a consultant, working with everyone from emergency responders, and utilities providers, to farmers and woodland creation charities, on emergency management, risk and environmental resilience projects.



Dr. Federica Pascale, Associate Professor of Sustainable Built Environment, Anglia Ruskin University

Federica has over ten years of international research experience in healthcare sustainability, resilience, and the ageing population. In 2022, she was awarded the 2021/2022 THIS Institute's sustainability & healthcare improvement fellowship from The Healthcare Improvement Studies Institute at the University of Cambridge. She collaborated with WHO and co-authored their new guidelines, "Underground shelters and services in hospitals." She also worked with the Department of Health and co-authored the "Health Building Note 08-02".



Alexis Percival, Environmental and Sustainability Manager, Yorkshire Ambulance Service

As well as working on various strands of decarbonisation work, Alexis is passionate about working to prepare the ambulance service for climate adaptation assessing the impact of flooding, heat waves and sea inundation. Leading the way, she set up the GrEAN (Green Environmental Ambulance Network) in 2010, connecting all of the sustainability leads across UK ambulance services to drive forwards the Net Zero agenda.



Neil Cartwright, Net Zero Programme Manager (Greener NHS), NHS England

Neil is part of the Greener NHS team serving the North East and Yorkshire region focused on improving the environmental sustainability of the NHS. He has been involved in the development of the new NHS Climate Adaptation Framework which was adopted by NHS England on 8th May and is passionate about climate adaptation in healthcare.



Susie Vernon, Associate Director for Sustainability, Care Without Carbon and Sussex Community NHS Trust

Susie leads the Care Without Carbon team delivering sustainability programmes in Sussex, Surrey and beyond. Susie drives SCFT's transformational programmes at a strategic level. She has a Masters in Leadership for Sustainable Development and practiced this in a range of different sectors. Before joining the NHS she worked for sustainability consultancy and development company, Beyond Green.



Stuart McLelland, Professor of Water Sciences, University of Hull

Stuart's research focuses on physical modelling of flow processes and sediment transport dynamics. His main interests are in river dynamics, but sediment and water are everywhere so he works across a range of scales and also studies estuarine and coastal environments. He has worked with the northern England NHS regions on delivering a Flood Risk for the NHS course.



Jamie Fountain, Resilience Manager, East of England Ambulance Service Trust

Jamie has over 20 years experience in the Ambulance Service first training as a Paramedic in London Ambulance Service and volunteering with NGOs involved with international disaster response and mitigation. Having helped to design the national Hazardous Area Response Team (HART) project, he moved to East of England Ambulance Service. Jamie works with Cambridgeshire and Peterborough Resilience Forum (CPLRF) where, in addition to other emergency planning functions, he chairs the CPLRF Climate Change, Sustainability and Future Risks Group.



Morgan Roberts, Project Manager, Sustainability West Midlands

Morgan supports research, reporting, and the delivery of projects across all areas of environmental Sustainability, with a particular focus on Climate Change Adaptation. She has recently been involved in several activities building capacity for adaptation in the NHS, including the development of the new NHS Climate Adaptation Framework and delivering training to operational colleagues and senior leaders across England.



Maryam Imani, Associate Professor of Water Systems Engineering, Anglia Ruskin University

Maryam leads the Sustainable and Resilient Infrastructure and Communities research group at ARU. Her research focuses on the resilience and adaptation of water and wastewater infrastructure, with a particular emphasis on the role of Sustainable Drainage Systems (SuDS)/Nature Based Solutions (NBS) in supporting climate adaptation. Maryam is especially interested in integrating emerging techniques and technologies, such as AI, to support resilience-informed decision-making for improved water management.



Petar Tabakov, Research Fellow for Sust. Healthcare (Circular Economy), BSMS

Petar is currently working with the University Hospitals Sussex NHS Foundation Trust's procurement team to explore the opportunities, challenges and financial savings of decarbonizing the trust's clinical consumption, especially with regards to making the switch from single use to reusable items. With his current research work tied closely to reusing clinical items and reducing material usage, Petar's presentation will focus on the importance of a circular economy in shaping sustainable procurement and its related implications for climate change adaptation.



Karen Amber, Sustainability and Social Value Manager, NHS Commercial Solutions

Karen leads on Sustainability & Social Value in one of four NHS collaborative procurement hubs in England. She is passionate about environmental sustainability, conservation, research and Human Rights, and leads multiple networks on sustainability, tackling modern slavery, and equality and diversity. Recent work involves the Just Transition, supplier training, innovation and development of processes to embed meaningful sustainability and social value into procurement processes, and frameworks enabling the public sector to build resilience to and adapt to climate change.