



Urban Heat Mitigation & Net Zero in the Built Environment

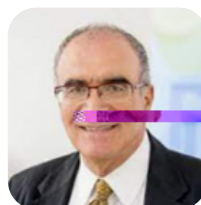
You are warmly invited to attend our **UNSW High Performance Architecture Roadshow on urban heat mitigation and net zero in the built environment**, hosted by the UNSW Built Environment and High Performance Architecture (HPA) Research Cluster from UNSW Arts, Design & Architecture.

The Roadshow will bring together world-leading experts from UNSW, government policymakers, and industry leaders to discuss current novel technologies, strategies, actions, and future directions for urban heat mitigation and net zero in the built environment.

Our exciting list of speakers include:



Matthew Riley
Director Climate and Atmospheric Science, NSW DCCEEW



Mattheos Santamouris
Anita Lawrence Chair in High Performance Architecture, UNSW



Deo Prasad
CEO, NSW Decarbonation Innovation Hub, UNSW



Philip Oldfield
Head of School of Built Environment, UNSW



Lan Ding
Convenor of the High Performance Architecture Research Cluster, UNSW



Peter Runcie
Founder and CEO, Natirar, Event Moderator



Emma James
Segment Lead - Recycled Water, Sydney Water



Joanne Andrade
National Sustainability Lead, COX Architecture



Riccardo Paolini
Associate Professor, School of Built Environment, UNSW



Mark Egan
City Strategy Manager, City of Parramatta



Riza Yosia Sunindijo
Deputy Head of School of Built Environment, UNSW



Cynthia Wang
Associate Professor, School of Built Environment, UNSW



Paul Osmond
Associate Professor, School of Built Environment, UNSW



William Craft
Associate Lecturer, School of Built Environment, UNSW

14 November 2024,
1:00pm - 5:00pm

Civic Gallery, PHIVE,
Parramatta

Program

Registration and light lunch

Acknowledgement of Country and Opening Remarks

Welcome by City of Parramatta

Urban Heat Mitigation and Net-Zero Built Environments: Innovation and Transition

- » NSW Government Adaptation Strategy and Action
- » Innovative Heat Mitigation Technologies Can Cool Down Cities
- » Decarbonation Innovation and Net-Zero Built Environments
- » Embodied Carbon: Its Significance, and How We Can Reduce It
- » COX's Case Studies in Decarbonisation Through Integrated Carbon & Circularity Assessments

Q & A

Afternoon Tea

- » City of Parramatta Council Strategy & Action
- » National Heat Vulnerability Observatory Project
- » Benchmarking Shade Project Informing UVR Exposure and Urban Heat
- » Skin Cancer Prevention and Urban Heat Mitigation: An Underexplored Synergy
- » Sydney Water Strategy and Action
- » Passively Irrigated Street Trees for Western Sydney
- » Women in Construction Project

