

# Guest Lecture

## **‘Cooler and Fairer Cities: Heat Mitigation, Adaptation and Inclusive Urban Greening’**

By: Professor Mat Santamouris and  
Professor Jason Byrne

Friday, 11 September 2026  
02:00pm to 4:00pm (Jakarta time)

Indonesian graduates and scholars of Australian tertiary institutions who are interested in attending this event, please RSVP by Wednesday, 9 September, via this link: <http://oz.link/rsvpGL11SEP>

*\*Due to the limited availability of places, early registration is recommended. A link to this event will be shared with you after registration.*

### **Lecture overview**

Cities worldwide are facing the combined challenges of rising temperatures, climate change, rapid urbanisation and growing social inequality. As urban heat increasingly threatens public health, liveability and sustainability, there is an urgent need for innovative and equitable solutions.

In this joint public lecture, Professor Mat Santamouris, a leading expert in urban heat mitigation and Professor Jason Byrne, an internationally recognised scholar of urban greening and environmental justice, will explore how cities can adapt to a warming future.

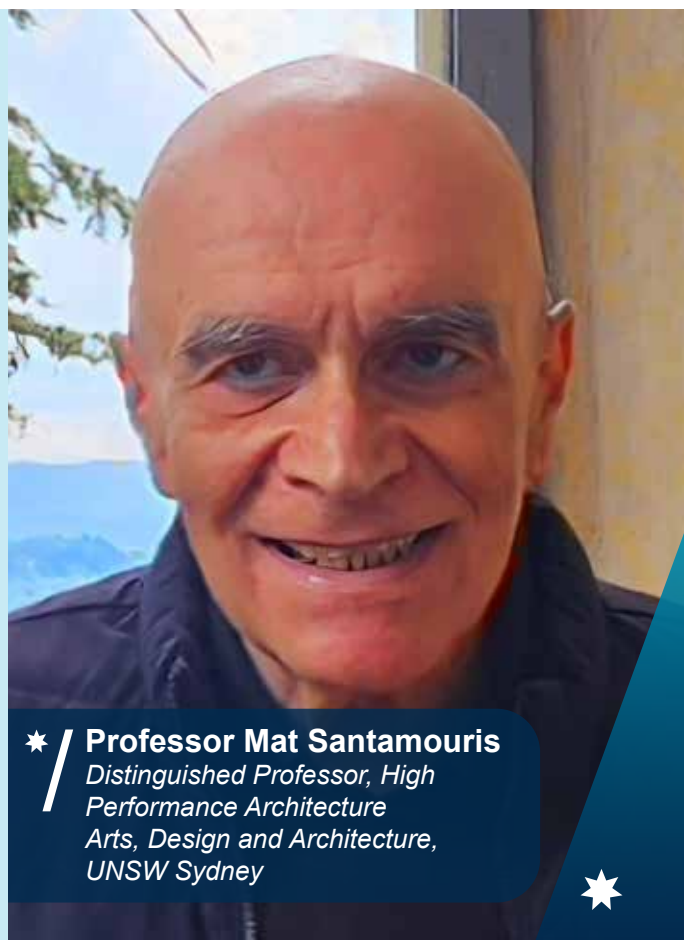
Drawing on the latest research and real-world examples, they will examine the causes and impacts of urban overheating, showcase emerging technologies and nature-based solutions for cooling cities, and discuss how urban greening can improve resilience, health and wellbeing.

The lecture will also highlight the importance of ensuring that the benefits of climate adaptation are shared fairly across communities. By bringing together technological innovation, inclusive planning, and environmental justice perspectives, the speakers will explore pathways to creating cooler, greener, healthier and more equitable cities for all.

The discussion will offer valuable insights for researchers, policymakers, practitioners and community members interested in shaping sustainable and climate-resilient urban futures.

Professor Mat Santamouris is Scientia Distinguished Professor of High-Performance Architecture at UNSW Sydney and a former Professor at the University of Athens. He has held visiting professorships at leading institutions worldwide and served as President of Greece's National Centre for Renewable Energy Sources and Energy Conservation. A globally recognised expert in sustainable buildings, urban climate and heat mitigation, he is Editor-in-Chief of Energy and Buildings and has authored or edited 20 books and published more than 470 scientific journal articles.

Prof. Santamouris has been recognised among the world's most influential researchers in Building and Construction by Stanford University and named a Clarivate Highly Cited Researcher for four consecutive years. In 2021, he was ranked among the top 500 most influential researchers globally across all disciplines. He has reviewed major research programs in 29 countries and received numerous international awards for his contributions to climate-responsive architecture, energy efficiency and urban sustainability.



★ / **Professor Mat Santamouris**  
Distinguished Professor, High  
Performance Architecture  
Arts, Design and Architecture,  
UNSW Sydney



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Professor Jason Byrne is Professor of Human Geography and Planning at the University of Tasmania, specialising in urban greening, climate change adaptation, environmental justice and urban heat. An Australian Research Council (ARC) Future Fellow, he has authored more than 150 scholarly publications and contributed to research projects that have attracted over AUD 20 million in funding. He serves on the editorial boards of several leading journals, is a Fellow of the Planning Institute of Australia, and has received national awards for excellence in research, teaching and planning practice.

Prof. Byrne completed his PhD at the University of Southern California and previously held a Senior Fellowship at Johns Hopkins University, where he researched parks, social inequality and environmental inequity. Before academia, he worked in planning, policy and environmental management for the Western Australian Government. He is also a respected public commentator and regularly contributes to print, radio and television on urban sustainability, climate adaptation and inclusive cities.



★ / **Professor Jason Byrne**  
*Human Geography and Planning*  
*The University of Tasmania*

