

# How can we adapt and mitigate climate change risk in suburban development?

8 October 2020

5.30 - 6.45PM AEDT

Webinar by the Urban Futures ECP as part of RMIT's Greener Start Initiative

[Read Policy Brief](#)

## About the event

Climate change presents significant challenges for the future development, sustainability and resilience of Melbourne suburbs. Between the 1990s and 2030s, it is estimated that daily maximum temperatures in Greater Melbourne will increase by 0.8 to 1.6°C, with more heat extremes and intensive rainfall. There will be an increasing risk of climate change-related events such as drought, heatwaves, storms and bushfires.

The low-density development pattern in Melbourne's middle and outer suburbs contributes to climate change hazards through the greenhouse gas associated with high land and material consumption, loss of biodiversity, and high reliance on car travel. Land use also combines with climatic and biophysical factors such as water flows and heat to generate climate change impacts.

What are the key opportunities for climate change mitigation and adaptation in urban planning, transport, energy, urban greening, water and waste management?

This webinar presents the recommendations of a report and policy brief aimed at promoting sustainability and resilience in Melbourne's suburbs and support achievement of the UN Sustainable Development Goals (SDGs).

## Presenter



**Dr Jan Scheurer**<sup>1</sup> is a Senior Research Fellow at the Centre for Urban Research and teaches in RMIT's Sustainability and Urban Planning program. His areas of expertise include urban design, transport and accessibility planning, sustainability policy and mobility culture. He is currently based at RMIT Europe in Barcelona.

## Panellists



**Stuart Mosley** Chief Executive Officer of the Victorian Planning Authority. Stuart has over 30 years' of experience in urban management and project delivery, and has held senior positions in three State Governments, the private sector and local government.



**Kath Phelan** is a principal planner at Infrastructure Victoria where she focuses on improving the integration of land use and infrastructure. Kath also has expertise in construction management, quantity surveying and architecture.

<sup>1</sup>Co-authors: Michael Buxton, Alan Pears, Usha Iyer-Raniga, Sarah Bekessy, Lauren Rickards, John Fein, Felicity Roddick, Billie Giles-Corti

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