

Active transport and sustainability: Obvious, but how?

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Sustainability or Resilience?

“Resilience is the capacity of individuals, communities, businesses and systems within a city to survive, adapt and grow not just as a response to shocks (such as heat, fires and floods) – but also to the stresses that weaken the fabric of a city on a day-to-day or cyclical basis.”

How to still 'get around' in a major shock...



"Yesterday we outsold our busiest summer Saturday," said Emily Samstag, manager of Bicycle Habitat in Brooklyn, speaking to a surge in bike-related sales just one day after Hurricane Sandy ravaged the East Coast.

"Our first customer walked in and said: 'The subways are down so I have to buy a bike'. That was standard all morning."

Reno Rambler 2012

It's nothing personal, just basic physics

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Image attrib. Toby Jacobs

Building social capital in real places

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A different Sydney Road would have wider footpaths for pedestrians, footpath trading for cafes and restaurants, street art and shady trees.

Cyclists would have a separated lane on the road to reduce conflict with vehicles and pedestrians.

Platform stops would enable the tram to be accessible, as required by the Disability Discrimination Act, and with less congestion they could be faster and more reliable.

RACV Royal Auto 2017

Movement and Place



A road or street is a **movement conduit**.



A road/street is also a **place**, a destination in its own right

Movement and Place

Movement: minimise commute time
Place: extend dwell time



Cycling for multi-modal journeys

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ILLEGALLY parked cars clogging up no standing zones in the South Morang Station temporary car park are a “disaster waiting to happen” according to police, who estimate they’re dishing out close to \$8000 in fines a day.

However, commuters say they are left with no option but to park illegally as there is a major shortage of car parking spaces at the station.

Image attrib. Kylie Else. Herald Sun 2017

Waterloo Station, London

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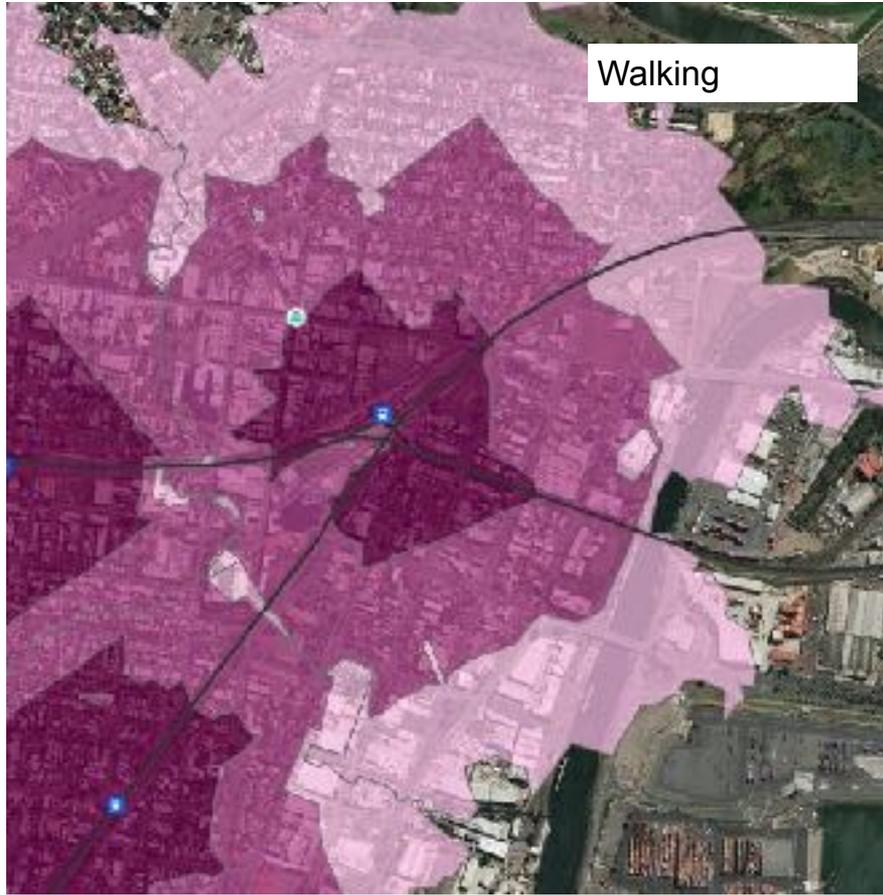


Image attrib: DerrickKnight



Introducing AMSAT: Active Mode Spatial Access Tool

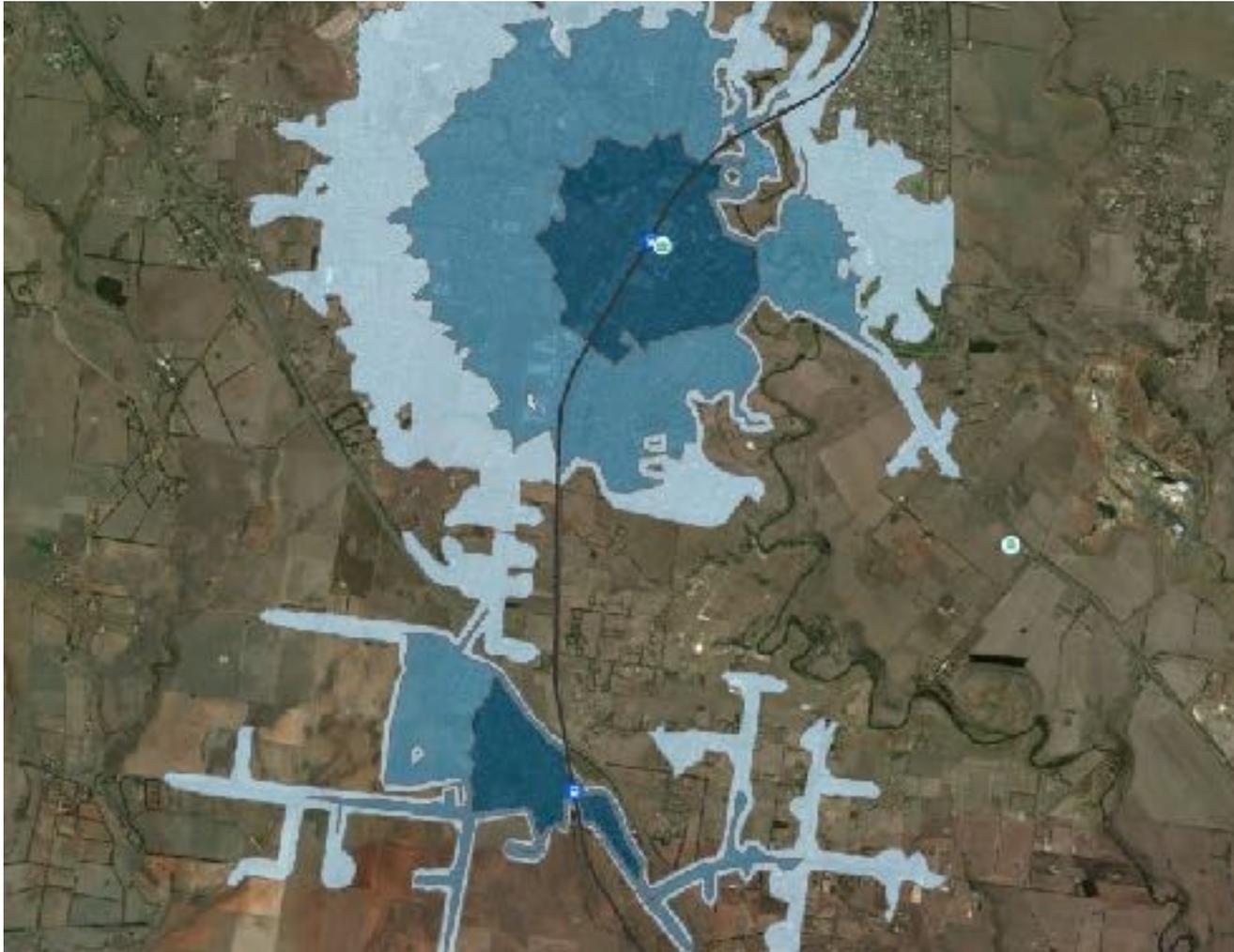
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Footscray Station

Sunbury and Diggers Rest Stations

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Access by bicycle - AMSAT

Demand for cycle parking, perhaps?

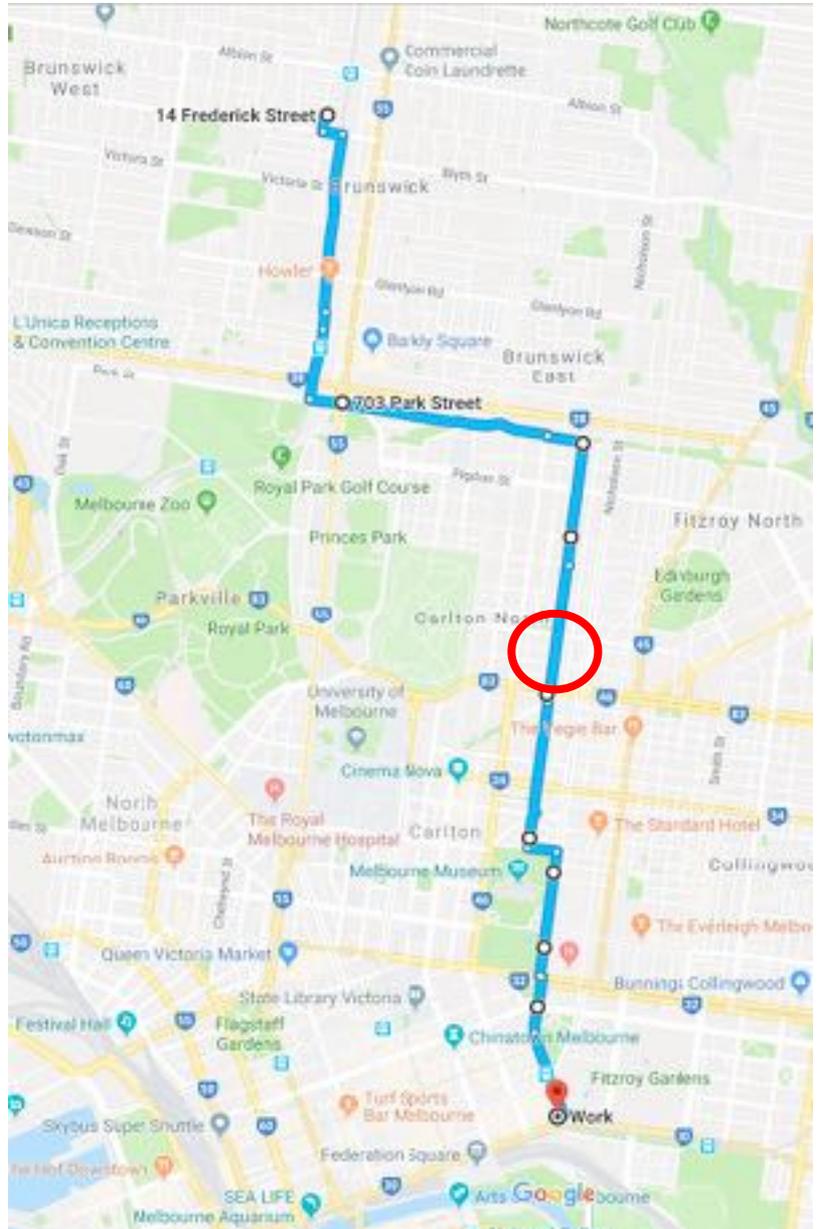
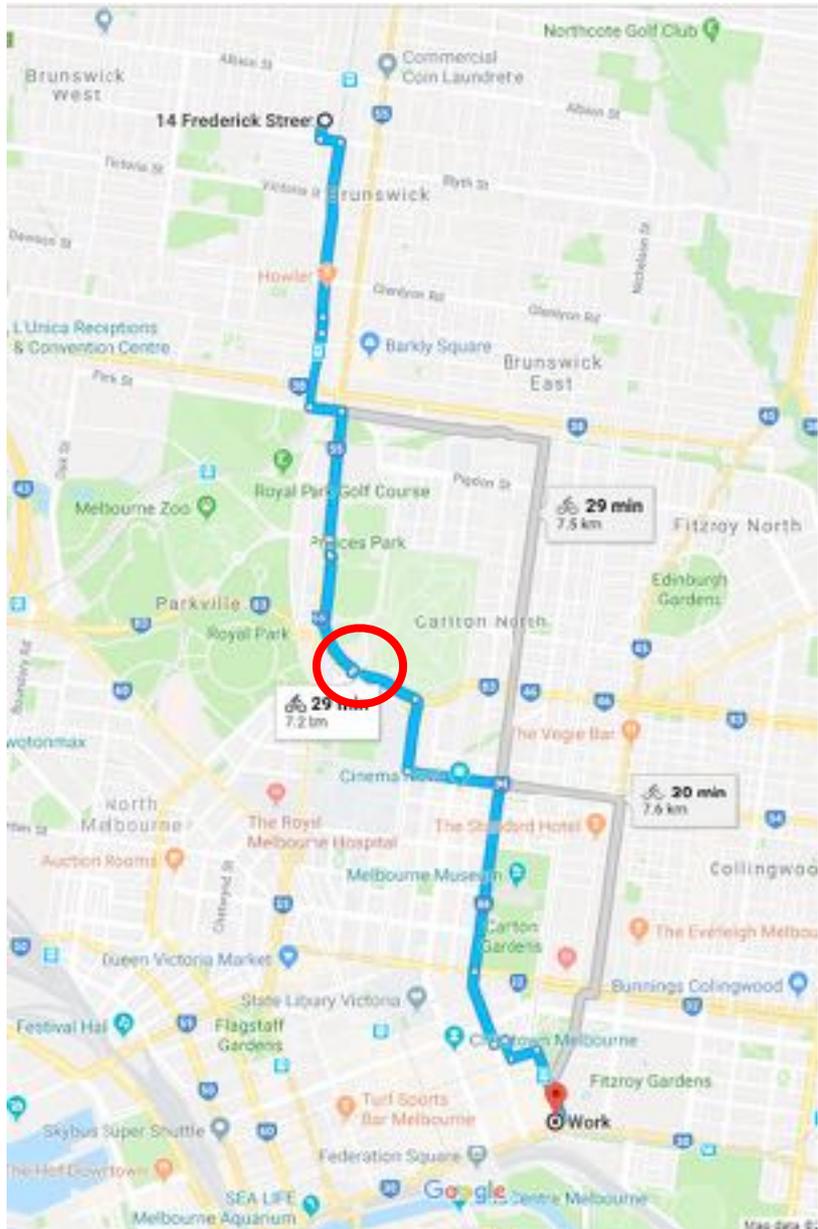


Footscray Station, 2018

How comfortable was your journey?



Figure 6: Level of traffic stress scale



Tracking stress along the journey



College Crescent vs Canning Street



“Turn-up-and-go”: dockless bike share



...my other car will be an electric long-tail

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Images attrib. Xtracycle



thank you.

Image attrib. Rue Renee

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