

Research Centre  
for  
Integrated Transport Innovation (rCITI)  
Web Seminar

**Web Seminar Link:** <https://unsw.zoom.us/j/8493874422>  
**Date/Time:** **Thursday, 12 November 2020, 12:30pm - 1:00pm**  
**Title:** **A demographic microsimulation model for transport and land use modelling**



**PRESENTER: Amarin Siripanich**  
**Postdoctoral Researcher, rCITI, UNSW**

**Bio:**

Amarin Siripanich is a Postdoctoral researcher at UNSW Sydney. His research interests include agent-based microsimulation modelling, travel demand modelling, and emerging data sources in transport. Amarin likes to contribute to open source software projects, and is a committee member of e-mission, a mobility data collection platform.

**Abstract:**

Today, many model systems for transport and land use planning operate at the level of individual agents, which are more suitable to be used for analysing complex scenarios than traditional models. However, one of the main challenges of this type of model systems is to correctly update the disaggregate population input from the base year to the future years. In this talk, Amarin will be presenting a demographic microsimulation model for simulating changes in people's life courses and their household situation.