Transport Australia Society
Presentation on Big Data, and its impact on
Transport Planning and Operations
Sponsored by JACOBS

Your invitation to join the Transport Australia Society’s Speaker Event
"Big Data, and its impact on Transport Planning and Operations"

Join the Transport Australia society for a presentation on Big Data, and its impact on transport planning and operations. Hear from seasoned industry presenters, followed by an interactive Q&A session.

Our highly regarded industry presenters are:

Stephen Rutherford
Global Solutions Director for Transport Planning

Stephen is an internationally recognized transport consultant, with 35 years of experience leading complex, multi-modal projects in over 40 countries. He has been with Jacobs for the last 18 years, primarily responsible for building the transport planning business to the top few in the UK and for recently leading the LeighFisher business in Europe. Previously he was resident in Hong Kong and Singapore for 8 years, working on infrastructure projects throughout Asia.

Throughout his career Stephen has been at the forefront of developing new technologies and solutions. He led the development of complex behavioural models to test the impact of congestion charging for schemes in London, Bristol, Singapore and Hong Kong. He is currently leading the New Demand Model for Transport for London (TfL), using global best-practice to improve the model’s responsiveness to the key drivers of demand.

DATE & TIME
Tuesday 31 July 2018
6:00 pm for a 6:30 pm start

VENUE
Jacobs
Level 7, 177 Pacific Highway
North Sydney, NSW 2060

TICKETS (incl. GST)
$0 for EA and TAS Members
$30 for Non-Members

REGISTRATIONS CLOSE
Monday 30 July 2018

engineersaustralia.org.au
Stephen has a particular interest in the use of big data in transport planning and recently led a ground-breaking study for Highways England to create a database of travel demand matrices using mobile phone data. He is currently Project Leader on Project Edmond for TfL, building a matrix of trips for all modes in London by fusing mobile phone data with Oyster and other apps data, to be used in models assessing the impact of infrastructure and demand management schemes. He recently led Jacobs’s technical evidence to the “Davies Commission” on the surface transport impact of additional runway capacity in London and the SE, and led a large detailed audit of the business case of the proposed HS2 rail line in the UK.

Tim Beech  
Global Technology Leader

Tim is an internationally recognised leader in the application of big data and transport modelling, and has led technically on some of Jacobs iconic projects over the last 10 years. Projects include The Airports Commission, Qatar Rail Red Line, Manchester Airport Transformation Programme and Manchester North West Quadrant.

He is currently a Technical Task Leader on the ground breaking Project EDMOND (Estimating Demand from MOBILE Network Data), a ‘world first’ project of Jacobs with the aim to apply data fusion and machine learning techniques on transport and mobile phone data for updating Transport for London (TfL) demand matrices.

Our presenters will be supported by local industry speakers:

Daniel Harney  
Regional Solutions Director for Transport Planning

Daniel is one of the leaders of the traffic and transport team within Jacobs, specialising in the transport planning, modelling, patronage forecasting and assessment of major infrastructure projects.

David Lowe  
Technical Director for Traffic Engineering, Asia Pacific and Middle East

David has over 25 years experience in the traffic management field, and extensive international knowledge of traffic and transport management from an operational perspective.

Light refreshments will be provided prior to the presentation.

Sponsored by

At Jacobs, our focus on building long-term client relationships has helped us become one of the largest and most diverse providers of technical, professional and construction services, including all aspects of architecture, engineering and construction, operations and maintenance, as well as scientific and specialty consulting.

About Transport Australia

Transport Australia is the home for transport professionals in Australia.

Membership is $55 per annum.