



Traffic & Transport Modelling

Bitzios Consulting specialises in traffic and transport modelling with over 30 staff trained across multiple software packages including Aimsun, VISUM/VISSIM, EMME, SATURN, SIDRA, LinSig, TRACKS, Transyt and Paramics. We are particularly skilled at customising the model specification to the available data and budget so that we can maximize value for money. We have completed over 1,000 modelling-related projects for pedestrian, public transport and traffic initiatives and we have produced both numerical and visual outputs for a variety of evaluation and display purposes. Our staff are trained in transport modelling and traffic engineering theory to ensure the effective design of models and the meaningful interpretation of outputs.



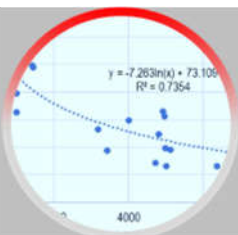
Microsimulation & Mesoscopic Modelling

- Parramatta Light Rail Stage 2 for Roads and Maritime
- Sturt Street Ballarat Cycleway for VicRoads
- Gold Coast Southern and Central Aimsun Model
- Tengiz Mine Area Modelling, Kazakhstan



Strategic Modelling

- Gold Coast Strategic Transport Model V2.0
- Gold Coast Ferry Patronage Model
- Kurnell Peninsula Master Plan modelling
- Tweed Shire Strategic Transport Model



Data Analysis & Models Formulation

- Trip Generation of Mid-Size Shopping Centers
- Waverley LGA Policy Testing Transport Model
- Brisbane Toll Roads Patronage Regression Models
- Gold Coast Pedestrian Demand Model



Peer Review & Technical Advice

- WestConnex M4-M5 Link Peer Review
- Smithfield Bypass (Cairns) Peer Review
- Brisbane Cross River Rail Modelling Peer Review
- Brisbane Metro Transport Modelling Peer Review

Road Safety Studies

Traffic & Transport Modelling

Management & Review Services

Public Transport Studies

Parking Studies & Assessments

Traffic and Transport Studies

Transport Impact Assessments

Active Transport Studies

Traffic & Transport Facilities Design

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