Honours Thesis

List of rCITI's Honours Thesis students

Year	Title	Author	Supervisor	Co-supervisor
2023	Weighted Traffic Optimisation Technique	Connor, Timothy David	Nair, Divya	
2022	Optimisation of the 360MonoDepth Framework for Monocular Depth Estimation of Outdoor 360° Images	Morrissey, Benjamin David	Saberi Kalaee, Meead	
2022	Sensitivity and Performance Analysis of Quantum Computing in Traffic Congestion Detection	Qian, Hao	Dixit, Vinayak	
2022	Evaluating The Feasibility of Blockchain in The Australian Car-Sharing Market: A Review	Zhao, Ruiyi	Hossein Rashidi, Taha	
2022	Footpath Scene Understanding with Semantic Segmentation	Sams, Jade Marie	Saberi Kalaee, Meead	
2021	Computer Vision-Based Collision Avoidance for Driverless Cars	Tan, Junren	Lim, Samsung	
2021	Impact of Connected and Automated Vehicles on the Travel Time Reliability of an Urban Network	Samaranayake, Shehani Chenelle	Dixit, Vinayak	,

Year	Title	Author	Supervisor	Co-supervisor
2021	A traffic assignment performance analysis and lane capacity management model in mixed traffic network environment with connected and conventional vehicles	Cao, Zhuo	Liu, Wei	
2021	Understanding the Route Choice Behaviour of Pedestrians	Hanania, Matthew	Saberi Kalaee, Meead	
2021	Conducting local traffic flow measurements based on autonomous vehicles data	Wang, Zhaohan	Saberi Kalaee, Meead	
2021	Analysis on the impact of Covid-19 lockdowns on different road crash characteristics in Sydney, Australia.	Yee, Ernest Pwung Fai	Chakka, Mohana Naga Sai	
2021	Evaluating Transport Infrastructure Impacts on Equity	Lee, Keona Ka Kay	Dixit, Vinayak	
2021	Adaptive Traffic Signal Design and Coordination	Wong, Nathan Wei Chun	Nair, Divya	
2021	Conflict Resolution in Air Traffic Control	Trimmer, John William Sui-jen	Rey, David	Dixit, Vinayak
2021	Mobility as a Service: Pricing Optimisation and User Choice in a Two-Sided Market	Sue, Lachlan Jacob	Rey, David	Liu, Wei
2021	The Use of Pacemaker Lighting to Alter Driver Behaviour in Road Tunnel Environments	Monk, Brittney	Prabhakharan, Prasannah	Waller, Liz (External)
2021	Predicting station-level rental bike demand by Graph Convolution Neural Network	Blumberg, Benjamin Mark	Liu, Wei	

2020	Sensitivity Analysis of Traffic Assignment Parameters – A Case Study of the Sydney Metropolitan Area	Shiu, Jordan Chun Siu	Chakka, Mohana Naga Sai	
2020	What are the factors relating to the potential users' mobility needs when implementing Mobility-as-a-Service (MaaS) at the early stage? Findings from an attitude-based online survey.	Zhou, Junyuan	Najmi, Ali	Hossein Rashidi, Taha
2020	Modelling Walking Trip Generation	Wu, Edward Da Xi	Saberi Kalaee, Meead	
2020	Economic and Transport Implications of Public Transport Investment Timing	Xie, Katherine	Robson, Edward	Dixit, Vinayak
2020	Exploring Autonomous Vehicle Open Datasets for Traffic Applications	Keo, Profita Chesda	Saberi Kalaee, Meead	
2020	Modelling Mixed Traffic Environment	Chew, May Xuan	Liu, Wei	
2020	Network Design Using a Genetic Algorithm Approach with Integrated Economic and Transport Modelling	Farmakidis, George Constantine	Robson, Edward	
2020	Predicting Driving Expertise Through Machine Learning Analysis of Visual Search Patterns	Sivanesan, Neythirun	Prabhakharan, Prasannah	
2020	How Autonomous Vehicles Affect Traffic Flow Characteristics Under Different Penetration Rates and Varying Traffic Signal Cycle Times	Luo, Belinda	Saberi Kalaee, Meead	

2020	Resilience Based Approach to Assessing Traffic Congestion Patterns using Crowdsourced Data	Boparoy, Jasvir Singh	Chakka, Mohana Naga Sai	
2020	Impact of road network structure on safety	Li, Zhuolin	Chakka, Mohana Naga Sai	
2020	What Community Detection can tell us about the Sydney transport situation	Cavanagh, Hayley Nicola	Rey, David	Saberi Kalaee, Meead
2020	Performance and safety evaluation of mixed fleets with connected automated vehicles and connected automated buses	Bassil, Daniel Anthony	Chakka, Mohana Naga Sai	
2020	Macroscopic modelling of mixed traffic flow with autonomous vehicles	Kesuma, Patricia	Saberi Kalaee, Meead	
2020	Auction-based Intersection Management for Autonomous Vehicles	Cao, Shuo	Liu, Wei	
2020	EXPLORATORY INVESTIGATION OF AUTONOMOUS VEHICLES' SAFETY USING CRASH REPORTS	Vu, Vinh Vincent Duc	Chakka, Mohana Naga Sai	
2020	Modelling and Simulating Parking Sharing	Zhan, Yifan	Liu, Wei	
2020	The effect of various attributes on housing preferences for ownership and renting: a case study of Sydney	Zhang, Siqi	Ardeshiri, Ali	Hossein Rashidi, Taha
2020	Autonomous vehicles intersection control under the conflict point reservation method with inclusion of alternative trajectories	Lyu, Mingzhi	Rey, David	

2019	Smart Parking: Emerging Economic and Shared Approaches	Jahan, Shabab Saadman	Ardeshiri, Ali	Hossein Rashidi, Taha
2019	Modelling travel time reliability using crowdsourced data	Wen, Jingyi	Chakka, Mohana Naga Sai	Robson, Edward
2019	Pedestrian Flow Modelling for Flow and Volume Optimization on a Sydney Platform	Huang, Jason Yu Jia	Gu, Ziyuan Frank	
2019	The Relationship between Pedestrian Characteristics, Individual Waiting Time, Maximum Waiting Time and Illegal Crossing Behaviour at Signalised Intersections in the Sydney CBD	Yeung, Mark	Regan, Mike	Prabhakharan, Prasannah
2019	Assessing the Validity of Hazard Perception Tests (Driving Simulator Study)	Shen, Jane Zifan	Prabhakharan, Prasannah	
2019	Identifying User Concerns, Problems and Needs relating to the Design and Operation of Off-Street Parking Facilities	Li, Joel	Regan, Mike	Prabhakharan, Prasannah
2019	The impact of automated vehicles on human driver behaviour in transport networks	Cashel, Jordan James	Prabhakharan, Prasannah	
2019	Modelling Human Mobility for Outbreak Control	Rabbani, Adnan Saad	Rey, David	
2019	A modified approach to residential location choice modelling, and its potential effects within larger frameworks	Wang, Jason	Robson, Edward	

2019	Comparison of traffic data from different crowd-sourced platforms: Pros and Cons	Indradi, Anindya Rachmani	Saxena, Neeraj	
2019	Dynamic Dial-A-Ride for On-demand Public Transport	Liu, Jierong	Rey, David	
2019	Assessing traffic congestion patterns using crowdsourced data	Gu, Zishuo	Chakka, Mohana Naga Sai	
2019	Urban Goods Movement Data Collection and Modelling	Mand, Gurpinder Kaur	Hossein Rashidi, Taha	
2019	Traffic flow characteristics of automated vehicles	Tu, Robert	Saberi Kalaee, Meead	
2019	Traffic flow characteristics of automated vehicles	Yu, Chun Ting	Saberi Kalaee, Meead	
2019	Practicality analysis of a macroscopic network model for pedestrians	Xu, Kaiyu	Saberi Kalaee, Meead	
2019	Energy Management in Smart Distribution Systems with Vehicle-to-Grid Integration	Cheng, Vincent Hin Sing	Hossein Rashidi, Taha	Ardeshiri, Ali
2019	Emerging mobility solutions	Yoo, Hae-Lim	Rey, David	
2019	Optimization of Air Traffic	Rahme, Stephanie Christianne	Rey, David	
2019	Evaluating Accessibility to Public Transport for People with Disabilities	Kilayko, Elysia Mae Rodrigo	Grzybowska, Hanna	Rey, David
2019	Modelling and optimizing an integrated network of autonomous vehicle lanes and non-autonomous local roads	Chen, Yuhui	Liu, Wei	

Year	Title			
2019	Recalibration of Strategic Modelling Parameters for Use with Connected and Autonomous Vehicles	Qiu, Esta	Grzybowska, Hanna	Virdi, Navreet (External)
2019	Investigating the impact of adverse weather conditions on public transport reliability and accessibility	Ching, Ada Lok Yee	Ghasrikhouzani, Milad	
2019	Equity in public transport	Rung, Patrick	Ghasrikhouzani, Milad	Aouad , Gregory (External)
2019	Exploring the impact of inclement weather condition on public transport reliability	Kavee, Korawich	Ghasrikhouzani, Milad	
2019	Multicity congestion metrics and propagation patterns with crowd-sourced data and open-source software	Kuswanto, William	Divya, Jayakumar Nair	
2019	Quantification of Congestion: Comparison of Traditional and Crowd Sourced Traffic Data	Cen, Matthew Zhao	Dixit,Vinayak	
2018	A network model for evaluating global outbreak control strategies	Meredith, Joshua	Rey, David	
2018	Traveller behaviour modelling using Bayesian Statistics	Wang, Ruiyang	Saxena, Neeraj	
2018	Comparing route choice behaviour under stop-&-go traffic between surveys involving textual description and driving simulator experience	Parekh, Kerfegar Tehmasp	Saxena,Neeraj	
2018	Understanding the Role of Inattentional Blindness in Look-But-Fail-To-See Crashes in NSW	Chung, Jeremy Gregorious	Prabhakharan,Prasannah	

2018	Understanding the route choice behaviour of drivers: A survey	Shen, Zhongchu	Saxena,Neeraj	
2018	Estimating the demand of shared bike services for students living in Eastern Suburbs	You, Jiahao	Saxena,Neeraj	
2018	The Traffic Impacts of Short-Notice Bushfire Evacuations in Australia	Tomlins, Aaron John	Wijayaratna,Kasun	
2018	Computer Vision-Based Collision Avoidance for Driverless Cars	Zhang, Sihui	Lim,Samsung	
2018	Modelling the behaviour of connected and autonomous vehicles in transport networks accounting for emergency operations	Le, Thi Ngoc Mai	Grzybowska, Hanna	
2018	New approaches to level of service assessment: Benchmarking of the development and place framework	Israel, Aurelia Mooryanti	Wijayaratna,Kasun	
2018	Preference Choice Study of Separated Cycleways Around the South East Light Rail	Lu, Duc Phat	Saxena,Neeraj	
2018	What drives dengue outbreaks? A case study in Sri Lanka	Fajardo, Josiah	Gardner, Lauren	Lim, Samsung
2018	An Investigation of On-Demand Public Transport Services	Sood, Utkarsh	Wijayaratna, Kasun	

2018	Optimisation of bus replacement plan during train line trackwork	Jiang, Melinda	Jian, Sisi	Rey, David
2018	A passenger assignment model for the suburban Sydney train network using Opal Card data	Zeng, David	Gardner, Lauren	Akhtar, Mahmood
2018	CBD & South East Light Rail Case Study: Demand for a new public transport service	Jiang, Xiaoen	Wijayaratna, Kasun	
2018	Pedestrian Safety At Roundabouts	Ng, Tania Tsuey Fang	Wijayaratna, Kasun	
2018	Accounting for Freight: Development of a novel CGE framework.	Chen, Jade	Wijayaratna, Kasun	Robson, Edward
2018	Investigating Daily Travel Behaviour on Public Transport in Semi-Regional and Metropolitan Sydney	Kim, Isabella Soudam	Wijayaratna, Kasun	Jian, Sisi
2018	The Reliability and Accessibility of Sydney's Public Transit System (Buses)	Kennedy, Jack Matthew	Akhtar, Mahmood	Gardner, Lauren
2018	Commuters' willingness to shift towards On-Demand Transport: A case study in Western Sydney	Lim, Daniel Liang Zhi	Saxena, Neeraj	Hossein Rashidi, Taha
2018	The impact of retiming school schedules on traffic congestion	Lei, Jacky	Wijayaratna, Kasun	
2018	A network analysis of the Sydney train system	Collins, Bryce James	Gardner, Lauren	Akhtar, Mahmood
2018	The optimization of two-fluid model	Chen, Rui	Divya, Jayakumar Nair	
2018	Neural-network based computer vision project	Xu, Rudy Jie	Lim, Samsung	

2018	Conflict between sustainable development and transport accessibility in the Green Square Area	Saputra, Tiffany Loiss	Wijayaratna, Kasun	
2018	Quantifying the Impact of the Level of Transit Service on Mobility Patterns Using Transit Smart Card Data	Ma, Mingyou	Jian, Sisi	Liu, Wei
2018	Extracting the Number of Stop-and-Go Waves from Urban Vehicle Trajectory data using Wavelet Transformation	Clinton Lap Fung Cheung	Saxena, Neeraj	Hossein Rashidi, Taha
2018	The Impacts of Ridesharing on Congestion: A Case Study of a Freeway Network	Widjaja, Daniel Clifford	Rey, David	Grzybowska, Hanna
2018	Building a Dengue Outbreak Prediction Model: A Case Study for Queensland	Ralphs, Henry James	Akhtar, Mahmood	Gardner, Lauren
2018	Unmanned Aerial Vehicle Traffic Modelling for Urban Environments	Lally, Harman Bir Singh	Rey, David	
2018	Predicting the crash risk of carsharing users	Li, Clarence Jia Yang	Jian, Sisi	
2018	Examining the Performance and Perceptions of Sydney's Clearway Strategy	Coutinho, Alon Roger	Dixit, Vinayak	Wijayaratna, Kasun
2018	Introduction of Sydney Central Business District and South East Light Rail Service: A Stated Preference Study to Investigate Mode Choice of UNSW Commuters	Chung, Kai Yin	Saxena, Neeraj	Hossein Rashidi, Taha

Year	Title	Student	Supervisor 1	Supervisor 2
2018	Clustering of Carsharing Users	William Huynh	Jian, Sisi	
2018	Using Social Network Theory to Characterise Construction Projects	Salman Zadeh Seysan, Rastin	Gardner, Lauren	Braham, Rowan (External)
2018	Employment centralisation and decentralisation in Sydney: A transport and economic perspective	Athayde ,Jessica Grace	Wijayaratna, Kasun	Robson, Edward
2018	The impact of electric connected autonomous vehicles on greenhouse emissions in Sydney	Shu ,Shunshun	Grzybowska, Hanna	
2018	Study of market willingness to adopt a new mobility option of Motorcycle Taxis in Sydney	Hastings, Carl Sebastian	Hossein Rashidi, Taha	Saxena, Neeraj
2018	Impact of Social Media on Residential Location Choice and Housing Prices	Mohseni, Sanaz	Ghasrikhouzani, Milad	
2017	Understanding driver behaviour in response to variable message signs for smart motorway management systems	Ho, Phoebe Amy	Dixit, Vinayak	
2017	Weather Impact on Transport Reliability	Wong, Chun Yin Christopher	Ghasrikhouzani, Milad	
2017	Slot Assignment Optimization in Ground Delay Program	Kesari, Nirman	Rey, David	
2017	Computer Vision-based Traffic Flow Analysis	Liu, Ruo	Lim, Samsung	

2017	FORMULATING AN ACCESSIBILITY MEASURE OF BUS NETWORKS USING DATA FROM ELECTRONIC TICKETING SYSTEMS: A CASE STUDY OF NEWCASTLE NSW	Barlow, Matilda Eve	Ghasrikhouzani, Milad	
2017	Incentive mechanisms for traffic equilibrium with autonomous vehicles	Soto Vargas, Luis	Rey, David	
2017	Leveraging Social Media Sources for Transport Engineering Data	Bissaker, Ingrid Elizabeth	Moylan, Emily	Jian, Sisi
2017	Socioeconomic Equity Impacts of Incident Duration on NSW Roads	Choi, Kelvin Nick	Moylan, Emily	Jian, Sisi
2017	Assessing the impacts of base model parameters on network performance metrics in transport modelling software	Zhou, William	Wijayaratna, Kasun	
2017	Unbundled Parking and Carsharing: Impact on Traffic Generation and Travel Behaviour	Zhong, Karen	Wijayaratna, Kasun	
2017	Traffic monitoring analysis with computer vision based method	Li, Chanhui	Wang,J, Jinling	
2017	Incorporating accessibility in the estimation of traffic generation rates	Gunawan, Joshua	Wijayaratna, Kasun	
2017	Route choice behaviour for pedestrians	Babana, Joseph	Hossein Rashidi, Taha	
2017	Network based modelling for predicting and controlling the spread of disease through global transport systems	Zlojutro, Aleksa	Gardner, Lauren	Rey, David

2017	Redesigning Roadway Infrastructure for Mixed Autonomous and Non-Autonomous Traffic	Haider, Ahsan Mohammad	Wijayaratna, Kasun	
2017	Conflict Resolution in Air Traffic Control	Hu, Wendy	Rey, David	
2017	Benefits of Multimodal Signal Optimisation through Application of a Genetic Algorithm to a Single Intersection Microsimulation	Mayhook, Callum Andrew	Moylan, Emily	
2017	Vision-based Vehicle Tracking for Intelligent Transportation System	Wang, Junjie	Wang,J, Jinling	
2017	Comparison of different methods for traffic signs detection and recognition	Gao, Guohao	Wang,J, Jinling	
2017	Autonomous Intersection Markets	Humphry, Alexander Stephen	Dixit, Vinayak	
2017	Travel reliability: its role in commuter mode choice	Zeng, Jarita	Moylan, Emily	
2017	A funding allocation model for humanitarian logistics operations	Chin, Ming En	Grzybowska, Hanna	
2017	Crowd-sourced data for disaster analytics: a study of road network resilience	Zachulski, Sophie Grace	Dixit, Vinayak	
2016	Urban High Speed Rail in Greater Western Sydney	Somalingam, Mayuran	Hossein Rashidi, Taha	Vandebona, Upali
2016	Study of Route Choice Behavior in Autonomous Vehicles	Wong, Tat Wang	Dixit, Vinayak	
2016	Aspects of Truck Platooning Simulated on Australian Roads	De Silva, Thisal Randula	Rizos, Chris	

2016	Food Rescue Management: a green supply chain logistics solution	Mort, Jack Joseph Parker	Grzybowska, Hanna	Gardner, Lauren
2016	Development of a FE Motorcycle Model for Investigating Crashes into W-Beam Guardrails	Peacock, Cameron John	Grzebieta, Raphael (External)	
2016	Lane Detection in Autonomous Vehicles	Loo, Huai Gen	Wang,J, Jinling	
2016	Predicting Short-Term Traffic Flow	Joe, Charmaine Ying-Wah	Waller, Travis	Rey, David
2016	The Long-Term Demand Response to Ramp Metering	Yung, Wendy	Gardner, Lauren	
2016	Data Collection and Analysis of Urban Goods Movement Within Sydney	Nahian, Ahmed Sabah Al	Hossein Rashidi, Taha	
2016	Traffic Flow Detection from RMS Live Traffic Cameras - Norman Hu	Hu, Norman	Lim, Samsung	
2016	Self-Organizing Traffic Information Systems in Autonomous Vehicles	Kumar, Sidhant Raj	Wang,J, Jinling	
2016	Vehicle Rollover into Road Safety Barriers	Liang, Nicole Bi Yian	Mattos, Garrett Anthony (External)	Grzebieta, Raphael (External)
2016	Mathematical Modelling and Microsimulation of Mixed Fleets, with Autonomous Agents	Virdi, Navreet Singh	Rey, David	Grzybowska, Hanna
2016	Determining Optimum Contracting Strategies for Road Maintenance to Reduce User Cost	Warren, Alexander Craig	Dixit, Vinayak	
2016	Internet of Traffic	Wu, Kevin	Dixit, Vinayak	

2016	Traffic Monitoring and Surveillance with Unmanned Aerial Vehicles	Mou, Yingwen	Wang,J, Jinling
2016	Neural Network Based Traffic Flow Analysis	Matthews, Michael David	Lim, Samsung
2016	Investigating Commercial SBAS & NRTK Positioning for Driverless Cars in Urban Environments	Ali, Omair	Roberts, Craig
2016	The Impact of Flood Risk on Willingness to Pay for Transport Infrastructure	Carpp, Grace Alliyah	Dixit, Vinayak
2016	A proposal for the Bays Waterfront Promenade development	Wang, Yuqi	Vandebona, Upali
2016	A Feasibility Study into the use of Unmanned Aerial Vehicles as a Potential Instrument to Supplement the Existing Traffic Monitoring Structure	Lim, Kenny Jin Lai	Rizos, Chris
2016	Stochastic Resilience of Transport Networks in Extreme Weather Conditions	Babbage, Michael Peter	Dixit, Vinayak
2016	The Transition towards Autonomous Driving for Australia's Road Freight Industry	Setio, Jeremy Herbert	Rizos, Chris
	The relationship between higher order approaches of travel time distributions and land use characteristics in the San Francisco Bay Area	Kohan, Rachel Deborah	Moylan, Emily
	Improvements of the Quarter Turn Energy Method for Vehicle Rollovers	Rakic, Aleksandra	Grzebieta, Raphael

John Duong z3373635 - Thesis Data Collection and Analysis of Urban Goods Movement	Duong, John	Vandebona, Upali
Agent-based modelling of residential mobility in Metropolitan Sydney	Siripanich, Amarin	Hossein Rashidi, Taha
Major Event Transport Data Collection and Modelling	Vo, Jean Joseph	Moylan, Emily
Dynamic Traffic Assignment Modelling and Evaluation: A Case Study for the Sydney Region	Chan, Jonathan Jung Him	Gardner, Lauren
Sustainability in Land Use and Transport Scenario Assessment Models	Lam, Jessica	Doust, Kenneth
A combined framework for modelling secondary and non-secondary crashes	Ly, Tony	Hossein Rashidi, Taha
An exploration of factors affecting the performance of on-street parking networks	Hayes, Sarah Elizabeth	Gardner, Lauren
The Impact of Disruptions on Traffic Flow: Case Study of Sydney Roads	Lam, Kenneth Wai Chung	Dixit, Vinayak
Collision Prediction Modelling of the M4	Aouad, Gregory George	Dixit, Vinayak
Development of a Motorcycle Finite Element Model for Collisions into Roadside Safety Barriers	McKay, Matthew James	Grzebieta, Raphael
Improving pedestrian links and services through the concept of non-statutory Shared Zones	Szeto, Jessica Huiqi	Vandebona, Upali

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Title	Author	Supervisor 1	Supervisor 2
Dynamic User Optimal with Recourse	Labutis, Lukas Natas	Waller, Travis	
Implications of Parking Policy on Traffic Flow within Urban Environments	Leung, Hoi Shan	Vandebona, Upali	
Overtaking Cyclists' Road Safety Study: Minimum Overtaking Distance	Lee, Pearl Yuen Sy	Moore, Stephen	Stuetz, Richard
Modelling the Arrival of Introduced Marine Pests via the Global Shipping Network	Cornwell, Richard Magnus Istvan	Gardner, Lauren	Cox, Ron
Understanding the Social Contact Network Structure of the UNSW Student Population	Godbout, Lukas Daniel	Gardner, Lauren	
Maritime Transport Modelling	Huang, Yanni	Gardner, Lauren	Hossein Rashidi, Taha
Social Network Analysis and SIR Modelling: A Case Study of the University of New South Wales	Tang, Kelly	Gardner, Lauren	
Data collection and analysis of urban goods movement within Sydney	Tran, Thanh Tien	Hossein Rashidi, Taha	
Analysis of Delay and Demand for Goods and Service Vehicle Parking Facilities on the UNSW Campus	Mehrpour, Bahman	Hossein Rashidi, Taha	
Ant colony algorithm optimisation for urban rail network design	Harris-Ayling, Myles	Vandebona, Upali	
The Sydney Cycle Highway Network: Economic Feasibility Study	Tan, Ryan Neal	Moore, Stephen	Stuetz, Richard
Traffic monitoring and surveillance with UAVs	Huang, He	Wang,J, Jinling	

	(Unmanned Aerial Vehicles)			
	Optimal Routes In Transportation Networks	Zhang, Andrew Qi	Wang,J, Jinling	
	Modelling Risk Aversion and Risk Perception in Driving Behaviour	Liang, Jackie Guan-Chen	Dixit, Vinayak	
	The Implementation of Advanced Analytical and Managerial Techniques for the Enhancement of Pavement Management Practices in Local Government	Duckhs, Jarrah	Dixit, Vinayak	
	Performance of a Type-F Barrier in Impacts with a 13-tonne Bus	Hoque, Fariza Tajrin	Grzebieta, Raphael	
	The implementation of WISE on the Sydney network	Bleasdale, Thomas	Dixit, Vinayak	Xiong, Zhitao
	Finite Element Analysis of a Tractor-Trailer Impact into Semi-Rigid Barriers	Chan, Timothy Hay-Choun	Grzebieta, Raphael	
	Finite Element Analysis of a Tractor-Semitrailer Impact into a Bridge Column	Nguyen, Anna Hong An	Grzebieta, Raphael	
	Scenario Based Algorithm in Stochastic Time Dependent Networks	Dunstan, George William	Dixit, Vinayak	
	A Network-Based Risk Assessment Model to Evaluate the Risk Posed by International Air Travel in Importing Dengue into Australia	Yuwono, Norman	Gardner, Lauren	
	The Relationship Between Transportation, Build	Gunawan, Edwin	Gardner, Lauren	

environment, and General Health			
A Public Bicycle Sharing Scheme for Sydney	Roberts, Christopher Lee	Moore, Stephen	Stuetz, Richard
Pricing Natural Disaster Risk	Wagasooriya, Buddhini Udayanga	Dixit, Vinayak	
Ridership Analysis of the CBD and South East Light Rail Project	Banzon, Richard	Hossein Rashidi, Taha	Waller, Travis
Use of GPS Data to Determine Value of Travel Time Savings for Motorists in Sydney	Trieu, John	Dixit, Vinayak	
Estimating cycle demand in Sydney using Strava GPS data	Dean, Michael Lyndon	Moore, Stephen	Stuetz, Richard
Preference Towards Public Transit for UNSW Commuters	Smith, Jeremy Grahame Wesley	Dixit, Vinayak	Hossein Rashidi, Taha
Development of an Instrumented Vehicle	Gunawan, Sunny	Dixit, Vinayak	Xiong, Zhitao
Understanding traffic flow characteristics of bicycle facilities	Guo, Jiyang	Dixit, Vinayak	
Traditional and Flexible Carsharing Systems As Traffic Demand Mangement	Minic, Aleksandar	Dixit, Vinayak	
A Feasibility Study into the use of String Transport Systems for Passenger Rail in New South Wales	Hargraves, Aaron James	Vandebona, Upali	