



PHD SCHOLARSHIP

The School of Civil Engineering at The University of Queensland (Brisbane, Australia) is offering a PhD scholarship for a motivated student to contribute to research being undertaken within the Transport Research Group. The scholarships will be for three (3) years and valued at \$26,682AUD per year. Top-up scholarships and international student fee-waivers are also available to exceptional candidates.

PROJECT INFORMATION

Data fusion methods for macroscopic traffic estimation

New sensor technologies provide big amount of traffic data that is available in real time. These offer unexplored opportunities to understand how congestion develops and evolves, discover hidden patterns and identify models that can contribute to efficient traffic management systems to improve the mobility and accessibility of cities. The focus of this project is on the integration of multiple sources of traffic data to provide accurate estimations in urban transport systems. The research involves extensive quantitative approaches, programming, modeling and data mining techniques.

QUALIFICATIONS

Candidates must hold a relevant undergraduate or Master's degree in Civil Engineering, Electrical Engineering, Computer Science, Operations Research, Applied Mathematics and Physics or other related field. Candidates with skills or interest in traffic modelling, control theory, big data, optimization, machine learning and programming are strongly encouraged to apply.

HOW TO APPLY

Interested candidates should submit their scholarship application on the Application for school-based PhD or MPhil scholarship [form](#), together with your supporting documents on the [RHD online application system](#).

Details on the application for admission and scholarship process can be found at <http://www.civil.uq.edu.au/RHD-application-apply>.

For further details on the scholarship project, please contact Dr. Mehmet Yildirimoglu at m.yildirimoglu@uq.edu.au.

Submission due by 08/02/2017