



## **Ian Tsung-Yi Lee**

Senior Planner · Vice President  
Head of Transportation Planning

### **《YEARS OF EXPERIENCE》**

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### **《EDUCATION》**

- Master of Science in Civil Engineering, June, 2000  
National Central University, Taoyuan, Taiwan
- Bachelor of Science in Civil Engineering, June, 1998  
National Central University, Taoyuan, Taiwan

### **《KEY QUALIFICATIONS》**

- Qualified Trainer Certificate of Cube Software
- Medal of Outstanding Young Professional by Chinese Institute of Transportation in Year 2010

### **《PROFESSIONAL EXPERIENCE》**

- Associate Vice President, Jan. 2015 ~ present
- Head of Transportation Planning , Jan. 2015~ present
- Senior Transportation Planner, June, 2013 ~ present
- Manager, Transportation Planning Department, June 2008 ~ Dec. 2014
- Transportation Planner, June 2002~ June 2008

### **《REPRESENTATIVE PROJECT EXPERIENCE》**

Mr. Lee is proficient in the applications of transportation demand model for policy evaluation, especially on public transportation issues, including rail, buses and transit system. He is also the developer of the award-winning Taiwan Intercity Demand Forecasting Model (TDM), sponsored by the Institute of Transportation, Ministry of Transportation and Communication. His project experiences are listed below.

#### **Transportation Planning**

1. Review and Update of Transportation Policy Study of Macau (2010~2020), (12/2014~present)
2. PCM & Preliminary Engineering for the Implementation of Tamhai LRT Line, including Feasibility Study of Pali Extension, Chief Planner, New Taipei City Government, (1/2014 ~present)
3. National Rail Network Re-evaluation Study, Bureau of



- Railway Reconstruction, Ministry of Transportation and Communications, Phases 1 and 2 (6/2011~present)
4. New Tunnel Provision for Direct Rail Service between Nangang and Hualian, Chief Planner, Railway Reconstruction Bureau, Ministry of Transportation, (8/2013~ present)
5. Strategies for Differential Toll Rates on Freeway System in Taiwan, Taiwan Area National Freeway Bureau, (10/2013~present)
6. Ridership Enhancement Strategies for the Taoyuan International Airport Link, Taoyuan Mass Transit Corp., (9/2012~12/2013)
7. Comprehensive Transportation Policy Study of Macau (2010-2020), (8/2010~12/2011)
8. Comprehensive Transportation Planning for Portas do Cerco of Macau General Urban Planning in Macau-Bordergate Area, (12/2010~present)
9. Comprehensive Transportation Developing Plan of YiLan, 8/2011~ present)
10. Comprehensive Transportation Planning and Transportation Policy White Paper of Taipei County, (5/2008~11/2010)
11. Feasibility Study for the Extension of Gangshan Luzhu MRT Line, Kaohsiung Mass Transit Bureau, (7/2011~present)
12. General Consultancy for the Implementation of Taoyuan International Airport Access Transit Link, Bureau of High Speed Rail, Ministry of Transportation, (12/2004~12/2008)
13. Bus Network Re-evaluation during Construction and after Completion of the Second-Phased Transit Lines, Taipei Department of Transportation, (12/2007~12/2008)
14. Review and Analysis the Development of Expressway Network of Taipei City, Taipei Department of Transportation, (1/2009~5/2009)
15. A Study of Commuter Rail Network for Yunlin, Chiayi and Tainan Region, Tainan Department of Transportation, (3/2011~4/2012)

### **Demand Forecasting Modeling**

1. Series of research for building and updating the Taiwan Intercity Transportation Demand Forecasting Model (TDM) – Institute of Transportation, Ministry of Transportation and Communication, (3/2004~present)
2. Third Party Review for the Building of Transportation Demand Model for the City DongGuan, Guangdong Province, China, (12/2014~present)
3. Ridership Forecast for Kaohsiung MRT for Upgrading Financial Performances, Kaohsiung MRT Corp.,



(5/2011~11/2012)

4. Building and Calibration of Demand Forecasting Model for Taoyuan Metropolitan Area, Taoyuan Department of Transportation, (3/2005~11/2006)

#### **Meso-scopic & Micro-scopic Modeling**

1. Establishment Supervision and Consultancy for Traffic Control System of Freeway and Highway Network (Taiwan Freeway System Messoscopic Model)
2. Development of Traffic Control System-Traffic Analysis and Simulation of National Freeway No.6 (Nantou section)
3. Development of Traffic Management System of the Integrated Network of Freeway/Expressway-Traffic Information Management and Traffic Characteristic Analysis
4. Planning of Traffic Control System on National Freeway of Eastern Taiwan

#### **Traffic Engineering**

1. Transportation Planning and Engineering Preliminary Design for 2010 Taipei International Flora Exposition
2. Integration of Traffic Maintenance Plan for Three Projects on Yuanshan Area

#### **Intelligent Transportation System**

1. Demonstration on the Application of ITS on High-occupancy vehicle – Demonstration on The Car Pool System of Metropolitan(1/2)
2. Demonstration on the Application of ITS on High-occupancy vehicle – Demonstration on The Car Pool System of Metropolitan(2/2)