



Dr. Ahmed Elbadawy - Director of Mobility Management

Qualifications

PhD (Transport Eng. & Operations) University of New Brunswick, Canada, 1986.
M.Sc. in Civil Engineering, Cairo University, Egypt, 1981
B.Sc. in Civil Engineering, Cairo University, Egypt, 1975.

Experience

Dr Ahmed Elbadawy has over 35 years' experience in transportation planning and traffic engineering research, consultancy & education. He was involved in more than 100 projects in Egypt, Canada, and Saudi Arabia. He worked in many fields including Public Transport, Traffic Engineering, Urban Transport Planning, Intercity Transport Planning, Pedestrian Movement Analysis, Transport Economics, Traffic Modeling and Management, Evaluation of transport Projects, and Application of transport software packages in transportation. He published more than 45 journal articles & conference papers, taught more than 10 specialised transport academic courses.

Employment Record

Professor of Transportation Planning and Traffic Engineering, Faculty of Engineering, Cairo University, Egypt 2007- Now.
Professor of Transportation Planning and Traffic Engineering, Hajj Research Institute, Umm Al-Qura University, Saudi Arabia 2003-2007.
Professor of Transportation Planning and Traffic Engineering, Faculty of Engineering, Cairo University, Egypt 1999-2003.
Associate Professor of Transportation Planning and Traffic Engineering, Faculty of Engineering, Cairo University, Egypt. 1996-1999.
Assistant Professor of Transportation Planning and Traffic Engineering, Hajj Research Institute, Umm Al-Qura University, Saudi Arabia, 1990-1996.
Assistant Professor of Transportation Planning and Traffic Engineering, Faculty of Engineering, Cairo University, Egypt, 1986-1990.
Research Assistant, University of New Brunswick, Canada, 1983-1986. .
1981-1983 Research Assistant Faculty of Engineering, Cairo University, Egypt, 1981-1983.
Instructor, Faculty of Engineering, Cairo University, Egypt, 1976-1981.

Sample of Projects/Studies

Dr. Ahmed Elbadawy performed many studies in most fields of transportation planning and traffic engineering. Examples of these are:

- Bus Allocation Procedure and its Application to Shoubra Corridor in Cairo, 1981.

- Expert in the project of coordinating Surface CTA Buses with the Regional Metro in Cairo, DRTPC in Cooperation with SYSTRA and National Authority of Tunnels. , 1987.
- Operational Assessment of Heliopolis Metro Restoration to Cairo CBD”, 1990.
- Comparative Analysis of Heliopolis Metro and other Public Transport Modes” 1990.
- Assessment of Using Travel Demand Management to Reduce Traffic Congestion in Greater Cairo: Air Conditioned Bus As A Case Study, 1998.
- Expert in Public Transport and Identifying Third Line of Metro in Greater Cairo, DRTPC in Cooperation with SYSTRA and National Authority of Tunnels. , 2000.
- Expert in the project of traffic management in Cairo University area, DRTPC, Cairo University, 2001.
- Traffic Expert in the planning of many cities in Architectural Planning Authority, Cairo, Egypt.
- Effect of Shared Taxi Driver Characteristics on Driving Behaviour and Performance Greater Cairo, 1999.
- Operational Assessment of Public Transport Service in Makkah El-Mokarramah During Seasons”, 1994.
- Possibility of using Shuttle Bus Service in Hajj, 1997.
- Modeling the Pedestrian Hajjis Movement During Nafra from Arafat, 1996.
- Economic Feasibility of Using Monorail between the Holy Mosque and Mahabas El-Gin and Kodai, 2001.
- Managing Special Events Using Traffic System Management Techniques, 1997
- Possibility of Using AutoWalk as transport Mode between Holy Environs and Makkah AlMukarramah, 2001.
- Economic Feasibility of Operating More Buses for Enhancing Puplic Transport Services in Makkah, Jeddah, and Al-Madinah Al-Munawarah”, 2002.
- Enhancing SAPTCO services in Jeddah, Saudi Arabia”, 2003.
- Enhancing SAPTCO services in Al-Madinah Al-Munawarah, Saudi Arabia”, 2003.
- Possible solutions to alleviate Crowdness in Mena, 2006.
- Analysis of travel times on Main Corridors in Makkah AlMukarramah using GIS.

