

# CURRICULUM VITAE

**Name** Azza Mostafa Saied  
**Nationality** Egyptian  
**Fax** (202) 5736601  
**E-Mail** <drtpc\_tp@intouch.com>  
**Profession** Head of Public Works Department  
Professor of Transportation & Traffic Engineering  
and Planning, Faculty of Engineering, Cairo University.  
Transport and Traffic Planning and Engineering Expert,  
Transportation Program, the Development Research and  
Technological Planning Center, DRTPC, Cairo University.  
Consulting Engineer.

## KEY QUALIFICATIONS:

Research and Teaching in Transport & Traffic Engineering, and Planning, Applied Statistics, Computer Applications in Transportation, and Traffic safety management.

## EDUCATION RECORDS:

- B.Sc. in Civil Engineering, Cairo University, Cairo, Egypt, 1984.
- M.Sc. in Civil Engineering, Cairo University, Cairo, Egypt, 1987.
- Ph.D. in Civil Engineering, University of Waterloo, Ontario, Canada, 1991.

## TEACHING AND TRAINING RECORDS

- Diploma in Traffic Safety Management, Swedish International Development Cooperation Agency **SIDA** and the Swedish National Road and Transport Research Institute VTI, Linkoping, Sweden, 2000.
- Executive Road Safety Seminar and Workshop for Selected Countries in the Middle East. Global Road Safety Partnership Under the sponsorship of the Swedish International Development Cooperation Agency and with support of Sweroad. Amman, Jordan , May 2001.
- "Transport planning" undergraduate civil engineering course in the Aviation Engineering and Technology Institute, 2002 till now.

- "Transportation and Highway Engineering" undergraduate course in the American University in Cairo AUC, 2008-2009.

## **POSITIONS HELD**

1984-1987:	Instructor, Department of Civil Engineering, Faculty of Engineering, Cairo University.
1988:	Assistant lecturer, Department of Civil Engineering, Faculty of Engineering, Cairo University.
1988-1991:	Teaching and Research Assistant and Ph.D. student in University of Waterloo, Canada.
1991:	Post doctor fellow in University of Waterloo, Canada.
1994 ó 1999:	Assistant Professor, Department of Civil Engineering, Cairo University.
1999-2003:	Associate Professor, Department of Civil Engineering, Cairo University.
2000 ó 2002:	A member of a Ministerial Committee responsible for improving Road Safety in Egypt- Ministry of Transport
2004:	Professor, Department of Civil Engineering, Cairo University.
2014 ó Present	Project Manager of Tempus project "Master of Engineering in Transport Safety"

## **PROFESSIONAL EXPERIENCE:**

1984-1985:	Planning Engineer, El-Hawary Consulting Office-Cairo, Egypt.
1985-1986	Supervision a field survey for estimating traffic models (M.Sc research)
1987-1991	Development of models to predict trip generation for households with different characteristics, University of Waterloo, Ontario, Canada.
1994 ó Present:	Team member, Transportation Program, Development Research and Technological Planning Center, Cairo University, Egypt.
1994-1998:	Team member in the " Egyptian Code for Urban and Rural Roads - Traffic Committeeö, for the Housing and Building Research Center HBRC.
1994-1996:	Technical team member in the study of "Effect of Urban Traffic Management on Fuel Consumption and the Environment (Application on Two Major Corridors in Greater Cairo)", DRTPC-TP, Cairo University, for the Organization for Energy Planning.
1994-1999:	Technical team member in the study "Traffic/Flow Relationships on Rural Intercity Highway", DRTPC-TP, Cairo University, for the Academy of Scientific Research and Technology.

- 1994-2001: Technical team member in the study "Investigation of the Impact of the Elevated Roads on Greater Cairo ", DRTPC-TP, Cairo University, for the Academy of Scientific Research and Technology.
- 1994-1996: Technical team member in the study "Effect of Urban Traffic Management on Fuel Consumption and the Environment (Application on Two Major Corridors in Greater Cairo)".
- 1995-1997: Technical team member in the study "Database for Intercity Road Transport Policy Formulation", DRTPC / SOFRETU for the Transport Planning Authority.
- 1998-2000: Technical team member in the study "Feeding the Database for Intercity Road Transport Policy Formulation", DRTPC-TP, Cairo University, for the Transport Planning Authority, Ministry of Transport.
- 1998-2000: Technical team member in the study "The Greater Cairo Public Transport Study and General Features of the Third Metro Line", DRTPC / SYSTRA for The National Authority for Tunnels NAT, Ministry of Transport.
- 2000-2001: Technical team Member in the Study, "Design of a Traffic Management Scheme for the Cairo University and Zoological Park District, Giza", Project sponsored by the DRTPC-TP, Cairo University, for Giza Governorate, Greater Cairo
- 2000-2000 Technical team member in the study "Evaluation and Improvement of Traffic Safety Level on Cairo-Aswan Road- Phase-1 Elayaat-Beni Swief, The Transport Group Consultant for the Ministry of Transportation.
- 2001-2001 Technical team member in the study "Evaluation and Improvement of Traffic Safety Level on Cairo-Aswan Road- Phase-2 Beni Swief- El Malatyaa, The Transport Group Consultant for the Ministry of Transportation.
- 2001-2001 Technical team member in the study "Evaluation and Improvement of Traffic Safety Level on Cairo-Aswan Road- Phase-2 Beni Swief- El Fayoum, The Transport Group Consultant for the Ministry of Transportation.
- 2001-2001 Technical Team member in Ten Extensive Transport Demand and Supply Surveys and Building the Networks for Roads and Public Transport Modes in Greater Cairo for the "Study on Transportation Master Plan and Feasibility Study of Urban Transport Projects in Greater Cairo in the Arab Republic of Egypt ". carried out for Pacific Consultants International (PCI), Japan and the Egyptian Ministry of Transport.

- 2002-2003 Technical Team member in "Initial Design and Feasibility Study of the Underground Garage located in Nahdat Misr Street In front of Cairo University, with an appropriate Capacity of 500-600 Cars" for Giza Governorate, Greater Cairo, Egypt.
- 2002-2003: Technical Director of "Safety of Public Transport Users on Highways" for the Transport Planning Authority, Ministry of Transport.
- 2002 Practical Demonstration Team-member of Traffic Safety Education Program and Campaign, Greater Cairo Region Master Plan Study ó CREATS.
- 2003 Technical Team member in "Feasibility of the Location of Three Bridges on the River Nile", for the General Authority for Roads, Bridges and Land Transport, (GARBLT), Ministry of Transport, Egypt.
- 2003 Technical Team member in "Study on Transportation Master Plan and Feasibility Study of Urban Transport Projects in Greater Cairo Region in the Arab Republic of Egypt, Phase II ó Feasibility Study. Service Contract for Traffic Count Survey carried out for Pacific Consultants International (PCI), Japan and the Egyptian Ministry of Transport.
- 2003-2005 Technical Team member in "Redesign of the Highways Sections Practicing Black Spots of High Accidents Rates on the National Highways Network", for the General Authority for Roads, Bridges and Land Transport, (GARBLT), Ministry of Transport, Egypt.
- 2003-2006: Technical Team member in "Study of Financing and Management of Transport Infrastructure Projects", DRTPC-TP for the Academy of Science Research & Technology.
- 2004-2007: "National Road Safety Program", DRTPC-TP, Cairo University for the National Road Safety Board.

- 2005-2006: Technical Director of "Traffic Impact Study of Area Activity Development in Ghernata City", Masr El-Gedida, Cairo.
- 2005-2006 Technical Team Member in "Egypt Sustainable Transport Project", the Transportation Program Development Research and Technological Planning Centre, DRTPC, Cairo University, sponsored by the Global Environment Facility (GEF) and the United Nations Development Program (UNDP) in Cairo for the Ministry of the Environment.
- 2006 Technical Director of "Traffic Impact Study of a Shopping Mall in Hadayek El-Ahram, Giza"
- 2006 Technical Team Member in "Al Azhar Park Urban Plaza Project, Traffic Studies and Design Services, Traffic, Parking Supply Analysis and Parking Entrance/Exit Design", for Aga-Khan Cultural Services, Egypt (AKCS-E).
- 2006-2007: Technical Team Member in "Al Azhar Underground Parking Garage Traffic Studies and Design Services", near Al Azhar Park in Old Cairo touristic area, for Aga-Khan Cultural Services, Egypt (AKCS-E).
- 2007- 2009: Technical Team Member in "Design Of Traffic Circulation, Pedestrian Movement Signing And Marking in The Premises of Paint And Chemical Industries Company (PACHIN)", Obour City.
- April 2008: Tenth of Ramadan Railway Line Project, Traffic Demand Study, Egyptian Group for Engineering Consultants, House of Expertise (EGEC).
- 2008-2009: Technical Team Member in "Greater Cairo Public Transport Study Update and Line 3 Phase 3 Design Study", DRTPC-TP for SYSTRA, for the National Authority for Tunnels.

2009-now Senior Expert, "Sustainable Transport Project in Egypt", sponsored by the Global Environment Facility (GEF) and the United Nations Development Programme (UNDP) in Cairo, for the Ministry of State for Environment and Affairs.

## **TEACHING AND TRAINING EXPERIENCE**

- Transport and Traffic Engineering and Planning, (Under graduate course, Cairo University)
- Railway Engineering (Undergraduate course, Cairo University)
- Applied Statistics (Undergraduate course, Cairo University)
- Transport and the Environment (Graduate course, Cairo University)
- Advanced Topics in Transportation (Graduate course, Cairo University)
- Urban Transport Planning (Graduate course, Helwan University)
- Transport Economics (Graduate course, Helwan University)
- Traffic Characteristics (Graduate Course, Helwan University)
- Engineering Economics (Undergraduate course, University of Waterloo)
- Analytical Transport Planning, (Graduate course, University of Waterloo)
- Analytical Transport Planning, (Graduate course, Cairo University)
- Systems Analysis and Statistical Application in Transportation and Traffic Studies, (Graduate course, Cairo University)
- Transport Applications of Operational Research.
- Permanent lecturer for "Highway Code" training courses by Housing & Building Research Center, Ministry of Housing, and Utilities & Urban Communities.
- Training on Database for Road Transport Policy Formulation (Computer Staff of the Information Center of TPA), Ministry of Transport.

- Training on Feeding and Updating the Database for Road Transport Policy Formulation (Computer Staff of the Information Center of TPA), Ministry of Transport.

## PROFESSTIONAL AFFELIATION

- Egyptian Engineers Syndicate

## ACADEMIC REWARDS

- University of Waterloo graduate students scholarship -Annual award of scholarship for outstanding undergraduate students, Cairo University, Cairo, Egypt.
- Award of Merit in Post-Graduate Studies, Center for Advancement of Post-Graduate Studies and Research in Engineering Sciences, Faculty of Engineering, Cairo University (CAP SCU).

## LANGUAGES:

	<b>Speaking</b>	<b>Reading</b>	<b>Writing</b>
Arabic	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent

## PUBLICATIONS

- Azza Saied Household Location Models and the Environment". Proceeding of the Regional Conference and International Symposium on Environmental Hydrology. Published by the American Society of Civil Engineers, Egypt-Section, pp. 37-48. (October, 1995)
- Azza Saied, Tarek El-Hakim and H. El-Nakeeb " Impact of Traffic Management Schemes on Energy Consumption and Air Pollution". The first International Conference, The Role of Engineering Towards Better Environment RETBE'96, Alexandria University, Faculty of Engineering, pp. 533-542. ( 1996).
- A.M.Saied, G.S. Darwish and MR. Elmitiny, "A Methodology of Site Selection for Traffic Stream Studies on Rural Roads", Engineering Research Journal, vol. 55, pp. 214-225, Helwan University, Faculty of Engineering, Mataria, Cairo. ISSN 1110-5615, (February 1998).
- A. Saied, W. Tawhed and G. Said," Traffic Stream Models for Rural Highways in Developing Countries: The Case of Egypt". Scientific Bulletin vol. 33 no. 1, pp. 141-158, Ain Shams University, Faculty of Engineering. ISSN. 1110-1385 March, 1998)

- A. Abd Elmegeed and A. Saied " The Concept of Vehicle Noise Equivalent Units Based on Noise-Speed Relationships", First International Conference on Civil Engineering, pp. 384-392, Helwan University, Faculty of Engineering.( March 1998).
- A.M. Saied and A.E. Abdel-MEgeed " Modeling of Traffic Noise - Volume in Urban Areas". Proceeding of the 6th International Conference on Energy and Environment, Cairo, Egypt, vol. 2, pp. 823-838 (May, 1998)
- Azza Saied " Metro Share of Downtown Commuters in Greater Cairo", Scientific Bulletin, vol. 33 no.3 , pp. 149-166 Ain Shams University, Faculty of Engineering ISSN-1 110-1385 ( Sept. 1998).
- Azza Saied, K. Nasser, and G. Said "Assessment of Intercity Travel Demand Elasticities in Egypt", Civil Engineering Research Magazine, vol.(20) no.(3) ElAzhar University, Faculty of Engineering ( Sept. 1998).
- Abdel.Naser K., El Hakim. T., Saied A., and Emam, E. "Monetary Valuation of Air Quality Due to Traffic in Greater Cairo", Scientific Bulletin, Vol. 34, No. 4, Faculty of Engineering, Ain Shams University, Dec. 1999.
- El Hakim T., Saied A., Abdel. Naser K, and Emam, E. "Assessment and Modeling of Carbon Monoxide Pollution Due to Traffic in Greater Cairo" The Second International Conference on Civil Engineering ICCE II Civil Engineering Department, Faculty of Engineering, Helwan University, April 2000.
- Azza Saied, "Traffic Safety in Egypt- Country Report", submitted to Traffic Safety Management Course by the Swedish International Development Cooperation Agency SIDA and the Swedish National Road and Transport Research Institute VTI, Linkoping, Sweden, 2000.
- Hozayen Hozayen, Azza Saied, Rashad Elmitiny, "Evaluation of Traffic Stream Characteristics in Egyptian Rural Network", Al-Azhar University Engineering Journal (AUEJ) (Special Issue). Proceedings of Al Azhar Engineering Sixth International Conference, (AEIC 2000), Volume (4), 2000.
- Ali S Huzayyin, Azza Saied, Analysis of Delayed Balanced Development in New Cities; Transport Or Other Reasons To Blame?, The Ninth World Conference on Transportation Research WCTR '01 Seoul, Korea, July 2001.
- Azza Saied and Galal M. Said, "A General Linear Model Framework for Traffic Conflicts at Uncontrolled Intersections in Greater Cairo", International Conference, "Traffic Safety on Three Continents in Moscow on September, 19<sup>th</sup>-21<sup>st</sup>, 2001.



- Azza Saied, "Priority Traffic Safety Management Concepts: Analysis of the Developing Countries Images", Ain Shams University, Faculty of Engineering, Vol. 36, No. 4, Dec. 2001.
- Azza Saied, "Road Management Technology and Safety improvement Tools", The First National Conference for Transportation, Ministry of Transportation, 2002.
- Azza Saied, "The Relation between Stopped Time Delay and Average Delay, a Design Tool for the Practicing Traffic Engineer", Civil Engineering Department, Faculty of Engineering, Al-Azhar University, Vol. 25, No. 3, October 2003.
- Azza Saied, Ahmed El-Sayed, and Khalid A.Nasser, "Accident Models For Rural Roads In Egypt", Civil Engineering Department, Faculty of Engineering, Al-Azhar University, Vol. 25, No. 3, October 2003.
- Azza Saied, "A Trip Generation Model for Households in Greater Cairo", Ain Shams University, Faculty of Engineering, Vol. 38, No. 4, Dec. 2003.
- Azza Saied, "Economic Design Volume for Isolated Traffic Signals in Saturated Flow Conditions", CODATU XI World Congress - Towards More Attractive Urban Transportation, April 2004.