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Professor of Transportation Engineering
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EDUCATION:

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

TEACHING:

COURSES TAUGHT THIS YEAR:

CENG 431 Transportation Engineering (Spring 2008)

OTHER TEACHING 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, Cairo Univ.)
- 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.

PRINCIPAL 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 – 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, 19th-21st, 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.

YEARS OF EXPERIENCE: 24 years

2004 – Present	Professor, Department of Civil Engineering, Cairo University.
2000 – 2002	Member, Ministerial Committee responsible for improving "Road Safety" in Egypt- Ministry of Transport
1999 – 2004	Associate Professor, Department of Civil Engineering, Cairo University.
1994 – 1999	Assistant Professor, Department of Civil Engineering, Cairo University.
1994 – present	Team member, Transport Program, Development Research and Technological Planning Center, Cairo University, Egypt.

1991 – 1992 Post doctor fellow in University of Waterloo, Canada.
 1988 -1991 Teaching and Research Assistant and Ph.D. student in University of Waterloo, Canada.
 1984 -1987 Instructor, Department of Civil Engineering, Faculty of Engineering, Cairo University.

CONSULTING AND PROFESSIONAL ACTIVITIES:

2006 – present Technical Team Member in “Egypt Sustainable Transport Project”, the Transportation Programme Development Research and Technological Planning Centre, DRTPC, Cairo University, sponsored by the Global Environment Facility (GEF) and the United Nations Development Programme (UNDP) in Cairo for the Ministry of the Environment

2003- 2005 Technical Team Member, “Feasibility of the Location of Three Bridges on the River Nile”, for the General Auth. for Roads, Bridges and Land Transport, (GARBLT), Ministry of Transport, Egypt.

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 Roadways, Bridges and Inland Transport Authority, Ministry of Transport, Egypt.

2003 – 2004 Practical Demonstration Team-member of Traffic Safety Education Program and Campaign, Greater Cairo Region Master Plan Study – CREATS.

2002 – 2003 Technical Director of “Safety of Public Transport Users on Highways” for the Transport Planning Authority, 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 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 – 2002 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.

2001 – 2002 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 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.

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

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.

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.

1996-1997 Technical team member in the study "Traffic and Road Network Management of Islamic Cairo".

1995-1997 Technical team member in the study "Database for Intercity Road Transport Policy Formulation", DRTPC / SOFRETU for the Transport Planning Authority.

1995-1996 Technical team member in the study "Master Plan for the Egyptian Railway: Field Survey".

1995 Technical team member in the study "Bridge on Suez Canal".

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.

- 1994-1999 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.
- 1994-1996 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.
- 1994-1998 Team member in the " Egyptian Code for Urban and Rural Roads - Traffic Committee", for the Housing and Building Research Center HBRC.

REGISTRATION:

Professional Engineer, Egyptian Syndicate, Cairo, Egypt.

SCIENTIFIC AND PROFESSIONAL SOCIETIES

- Egyptian Syndicate for Engineers
- Member, Int. Academic Advising Committee on High Performance Structures and Materials, WIT, UK.
- Member, Egyptian Code Committee on Blast Resistant Building Design
- Member, Egyptian Code Committee on Design Loads on Bridges
- Member, Egyptian Code Committee on Bridge Details