

Dr. Al-Bar, Hamed O.

Civil Engineering Department, King Abdulaziz University

Education

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
Ph.D.	Civil Engineering	Michigan State University, U.S.A.,	1985
M. S.	Civil Engineering	California State University, USA	1979
B. Sc.	Civil Engineering	King Fahd University of Petroleum & Minerals, K.S.A.,	1976

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title (Chair, Coordinator, etc.)</i>	<i>Full or Part Time</i>
1998	Date	KAU	Associate Professor		Full Time
1985	1998	KAU	Assistant Professor		Full Time
1976	1977	KAU	Graduate Assistant		Full Time

Non Academic Industrial Experience (including Consultations)

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position</i>	<i>Full or Part Time</i>
2008 – Present:		King Abdullah Bin Abdulaziz Expansion Projects for Tow Holy Mosques			Full-time
1994 – 2006:		Researcher for Haj Research Center, Um-Al Qura University, Makkah,			Part-time
1998 – 2000:		Consultant for Jeddah Municipality, Saudi Arabia.			Part-time
1996 – 1998:		Consultant for Ministry of Hajj, Saudi Arabia.			Part-time
1991 – 1995:		Consultant for Ministry of Municipalities and Rural Affairs, Saudi Arabia.			Part-time

Funded Research Projects and Patents from the Past Five Years

- Dictionary of Transportation Engineering Terminology , KAU , 1993
- Analysis of Traffic Entering & Leaving Makkah During Haj Period ,1995
- Evaluation of Using Shuttle Buses System in Moving Pilgrims , Haj Research Centre,1997
- Evaluation of Capacity & LOS of KAIAP Curb Terminals, Jeddah , 1998
- Relationship of Vehicle Type and Accidents in the Kingdom , KACST , 1999
- Simulation of Traffic Movement in Jeddah CBD, 1999
- Traffic Evaluation of Residential Road Networks in Makkah, 2000
- Traffic study for the Campus of KAAU in light of the stages in development of its facilities, Jeddah, 2003.
- 1992 to Date Conducted TIS for More than 40 projects in different cities in the Kingdom.

Current Membership in Professional Societies and Organizations

<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1. Saudi Society for Civil Engineering, KAU, Jeddah	Member	2000
2. Saudi Council for Engineers , Riyadh, Saudi Arabia.	Member	2005

Honours and Awards

1. King Abdulaziz University Award, 1989, 1992
2. Amer Makkah , Prince Majed Award, 1996
3. College of Engineering Award, 1996
4. Saudi Society of Civil Engineering, 2006, 2008

Institutional and Professional Services (*administration, committees, units, etc.*)

1. Chairman of Senior Projects committee.
2. Supervisor of Summer Training of CE Students
3. Supervisor of Traffic Engineering Lab
4. Coordinator of Transportation Group
5. Chairman of Transportation Chapter of Saudi Society of Civil Engineering.

Principal Publications/Presentations from the Past Five Years

1. Albar, H., " Analysis of Traffic at the Campus of King Abdulaziz University " Journal of College of Engineering , Ain Shams University , Egypt , 2006
2. Albar, H., and A. Al-Zahrani., "Highlights on Haj Transportation", Proceedings of the Jordan International Conference on Sustainable Development of Transportation System, Amman-Jordan, April 11-15, 2004.
3. Al-Zahrani, A., Albar, H., "The Urban Transportation Problem in the City of Jeddah", Proceedings of the Al-Azhar Engineering, Seventh International Conference, Cairo, Egypt, April 7-10, 2003.

Recent Professional Development Activities (*Workshops, training, etc.*)

- Leading and participating in workshops with International consultants locally and abroad regarding the development of the Tow Holly Mosques and the required Transportation and Crowd Master Plan to serve them.
- Mass Motion Training Course, Oasys, Arup, London, August 27-30, 2013
- Sabbatical Year Program.