

Dr. Khaled Al-Sahili
Civil Engineering Department, An-Najah National University, Nablus, Palestine
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CURRENT POSITION

Associate Professor of Civil Engineering & Director of Construction and Transportation Research Unit , An- Najah National University

EDUCATION

- **Ph.D. Civil Engineering, 1995**
Michigan State University (MSU), East Lansing, Michigan, USA
Area: Transportation Engineering and Planning
- **M.S. Civil Engineering, 1988**
Jordan University of Science and Technology, Irbid, Jordan
Area: Transportation Engineering and Planning
- **B.S. Civil Engineering, 1986**
Yarmouk University, Irbid, Jordan

WORK EXPERIENCE

- 2000 – Present Director of Construction and Transportation Center**
An-Najah National University, Nablus, West Bank, Palestine.
- 1999-2005 Assistant Professor -- Transportation and Highway Engineering**
- 2005 – Present Associate Professor -- Transportation and Highway Engineering**
An-Najah National University – Civil Eng. Dept., Nablus, Palestine.
- Teaching graduate and undergraduate courses in Transportation Engineering; Supervise and participate (as a committee member in) several theses several master theses on the various areas of transportation engineering and planning; and Supervised and participated in numerous graduation projects in the area of transportation engineering and planning.
- 1998-1999 Adjunct Professor**
Department of Civil Engineering, **Florida International University**, Miami, Florida.
- 1998-1999 Research Associate**
Department of Civil Engineering, **Michigan State University**, East Lansing, Michigan
- 1991 Traffic Engineer**
Michigan State University, Department of Public Safety, East Lansing, Michigan.
- 1990-1994 Instructor, Coordinator, and Teaching Assistant**
Department of Civil Engineering, Michigan State University, East Lansing, Michigan
- 1989-1995 Research Assistant**
Department of Civil Engineering, Michigan State University, East Lansing, Michigan
- 1987 Transportation / Design Engineer**
Jordan University of Science and Technology, Irbid, Jordan.
- 1986-1988 Instructor and Teaching Assistant**
Department of Civil Engineering, Jordan Univ. of Science and Tech

Certifications or professional registrations

- **Professional Engineer (P.E.):** State of Florida
- **Member, Engineers Association:** Jerusalem Center, Palestine
- **Member,** Institute of Transportation Engineers (ITE), USA
- **Member,** American Society of Civil Engineers (ASCE), USA
- **Member,** Road and Environmental Safety Center, Ramallah, Palestine

ADDITIONAL CAREER EXPERIENCE - PART TIME

- **Freelance Consultant – Transportation Planner/ Traffic Engineer/ Strategic Planner, Palestine (1999 – Present).**

- **Project Manager / Senior Transportation Engineer (1996-1999).** David Plummer & Associates / Bermello, Ajamil and Partners, Inc., Miami, Florida, USA

SOCIAL AND ORGANIZATIONAL SKILLS

- Member of the Scientific Committee, the Palestinian Conference on Urban Planning, NNU and Engineers Association, 2008.
- Coordinator, Faculty of Engineering Curriculum Plans Development Committee, NNU, 2007 – 2008.
- Member, Editorial Board of An-Najah Journal for Research – Natural Sciences, NNU, 2007 – present.
- Chairperson of the Organizing Committee, The Palestinian Conference for Development and Reconstruction in the West Bank, March 2006.
- Member, Faculty of Engineering Council, 2002/2003, 2004 – 2006, 2008 - 2011.
- Coordinator, Highway and Transportation Group and Graduate Program, Civil Engineering Department, NNU, 1999 – 2003, 2006-Present.
- Member, Civil Engineering Curriculum Evaluation and Development Committee, NNU, 2001 – 2002.
- Elected Member (Treasurer) of the Arab Student Organization at Michigan State University, 1992-1994.
- Elected Member of International Student Association at Michigan State University, 1992-1993.
- Community Development Advisor, Michigan State University Department of Residents Life, 1992-1994.

COMPUTER SKILLS

Excellent IT skills, including experience in computer applications and transportation modeling. Transportation Software: SYNCHRO, TSIS - CORSIM, TRANSYT, HCS, PASSER II, PASSER III, TGEN (ITE trip generation), QRS II, SIG-CINEMA, SCOOT, SIDRA, Arterial Analysis Package (AAP), ART-PLAN, CIVIL-CAD, Road Design, GeoPak, In-Road, and TRANSCAD

TRAINING

- **District Participatory Development Planning,**
UNDP training of trainers, 23-28 June 2007, Ramallah, Palestine
- **Advance Training Seminar on Top Management Skills**
An-Najah National University, Nablus, Palestine, May-June 2004
- **Dale Carnegie Basic Training Seminar**
Dale Carnegie Institute, Miami, USA, March-April 1999

AWARDS

- The Transport and Environment Award, Road and Environmental Safety Center, Ramallah, Palestine, May 2006.
- The Outstanding Graduate Student Award, MSU, Civil Engineering Dept., April 95.
- All-University Excellence-in-Teaching Citation: MSU College of Engineering, November 94.
- Candice B. Thoman Fellowship: A Program to help alleviate the problems of hunger, poverty, and food security in the world, Michigan State University, August 1993.
- Research and Special Program Administration Outstanding Student Award, Region 5, US Department of Transportation, Washington, DC, January 1993.
- Outstanding Community Development Advisor, MSU Department of Residence Life, April 1993.
- First Place Student Paper Competition, Institute of Transportation Engineers (ITE), District III, includes Michigan, Indiana, Ohio, and West Virginia. Forwarded for the national level, November 1991

COURSES TAUGHT:

BACHELOR COURSES:	MASTER LEVEL COURSES:
Introduction to Civil Engineering	Traffic Operation
Statics	Seminar
Transportation Systems Engineering I, II, & III	Pavement Analysis and Design

Advanced Traffic Engineering	Transportation Facilities Engineering
Advanced Pavement Design	Urban Transportation Planning
Advanced Highway Design	Special Topics in Transportation and Traffic Engineering
Traffic Systems Management	
Graduation Project	Master Theses

PUBLICATIONS (samples)

- "The Impact of Traffic Congestion and Public Transport on Air Pollution in Palestinian Cities – Case Study: Ramallah City." Proceedings of the Palestinian First Environmental Conference, June 2009. *(co-author with Dr. Osama Abaza)*
- "The New Patterns of the Israeli Road Measures and their Impact on the Transport Sector." Approved for publication at An-Najah University Journal for Research – A: Natural Sciences, Vol 21, 2007, pp 171-203.
- "The Palestinian Traffic Safety Program – Needs Assessment and Proposal for Development." The Jordanian International Traffic Safety Conference, 2008. *(co-author with Dr. Sameer Abu-Eisheh and Hussein Abu-Zant)*
- "Current Data and Conditions and Future Priorities of the Palestinian Freight Transport." The Transportation Research Board 85th Annual Meeting. Washington, DC, USA, January 22–26, 2006. *(co-author with Dr. Sameer Abu-Eisheh)*
- "A Framework for the Development of the Transportation System in Palestine." The Transportation Research Board 85th Annual Meeting. Washington, DC, USA, January 22–26, 2006. *(co-author with Dr. Sameer Abu-Eisheh)*
- "Diagnosis of Existing Transportation Systems in Palestine under the Current Political Conditions." the International Conference of Civil Engineering Infrastructure. Beirut, Lebanon, June 2006. *(co-author with Dr. Sameer Abu-Eisheh)*
- "The Impact of the New Traffic Circulation Plan for Downtown Nablus City on the Quality of Life." Proceedings of Jordanian International Conference on Sustainable Transportation Systems, Amman, Jordan, April 13-15, 2004.
- "Elasticity of Intercity Buses in the West Bank." An-Najah University Journal for Research – A: Natural Sciences, Vol. 18, No. 2, 157-171, 2004. *(co-author with Abdul majid Sadeq)*
- "General Evaluation of the Road Sector in the West Bank – Road Network and Institutional Framework." Bethlehem University Journal, vol.23, 38-62, 2004.
- "Development of a Palestinian Safety Program." Proceedings of the ITE Annual Meeting, Seattle, USA, August 2003. *(co-author with Hussein Abu-Zant)*
- "Traffic Signal Impact on Air Quality and Fuel Consumption in Downtown Nablus City." An-Najah University Journal for Research – A: Natural Sciences, Vol. 18, No. 1, 97-114, June, 2003. *(co-author with Dr. Sameer Abu-Eisheh)*
- "Parking Control as a Planning Tool to Manage Downtown Congestion – Users Perspective." Proceedings of the International Conference on Engineering and City Developments, 22-23 September 2003, Gaza, U021-U032.
- "Ridership Demand Modeling for Palestinian Intercity Public Transport." Journal of Public Transportation, Center for Urban Transportation Research, Vol. 6, No. 2, 2003. *(co-author with Abdul majid Sadeq)*
- "Traffic Systems Management Studies for Palestinian Cities: Implementation Assessment." Proceedings of the Third International Conference on Traffic and Transportation Studies Guilin, Vol. 1, pp 210 – 217, People's Republic of China, July 23-25, 2002. *(co-author with Dr. Sameer Abu-Eisheh)*
- 'Evaluation of Bus Priority Signal (BPS) Strategies in Ann Arbor, Michigan.' Transportation Research Record No. 1554, Washington, DC, USA, 1996, pp. 74 - 79. *(co-author with Dr. William Taylor)*
- 'Traffic Circles - A Viable Form of Intersection Control', Institute of Transportation Engineers Journal, September 1994, Vol. 65, No 9, pp. 40-45. *(co-author with William Savage)*
- 'Accessibility of Public Services in Irbid, Jordan', American Society of Civil Engineers, Journal of Urban Planning, Vol. 13, March 1992, pp. 1-10. *(co-author with Dr. Mohammad Abu-Ella)*