



KHALED AL-SAHILI, Ph.D., P.E.
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Associate Professor, Civil Engineering
An-Najah National University
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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

Professional Development

- **Role of Road Safety Audits in Improving Traffic Safety (Webinar)**. International Road Federation and Qatar Transportation and Traffic Safety Center, 8-10 November 2020.
- **3iBS: Intelligent, Innovative, and Integrated Bus System -- A NEW GENERATION OF URBAN BUS SYSTEM; The answer to present & future mobility challenges in cities.**
UITP Training, 24 – 25 February, 2014, Brussels, Belgium
- **Seminar on Safe and Sustainable Mobility Management in the Mediterranean Cities.**
10-14th December 2007, Barcelona, Spain
- **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

LANGUAGES

- English (Excellent)
- Arabic (Fluent)

PROFESSIONAL REGISTRATION

- **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

BRIEF DESCRIPTION

Dr. Al-Sahili has a doctorate degree of civil engineering with a specialization in transportation engineering and planning. He is also an associate professor at An-Najah National University in Nablus, Palestine. Dr. Al-Sahili was the head of the transport and infrastructure department at the National Center for Sustainable Development in Nablus for 6 years and the Director of Construction and Transportation Research Center for 14 years. Dr. Al-Sahili has extensive experience in the area of transportation engineering and planning, road designs, road safety, sustainable transport systems, and strategic development planning as well as physical planning. He managed and conducted several projects and researches in these fields, and

conducted training programs.

Dr. Al-Sahili participated in the preparation of the Intelligent Transportation Systems (ITS) Strategic Framework for Palestine, and participated (with AQAQ) in evaluating several higher education programs in the West Bank and Gaza in the fields of civil engineering and materials engineering. He also was a reviewer for several research articles for local and international journals.

Dr. Al-Sahili supervised several graduation projects and researches in the areas related to sustainable transportation, and published several research papers in this field. He is a member of several transportation and consultative committees at the national, regional (governorate), and local (city and university) levels including the National Committee for Developing the Framework for Intelligent Transport System.

Dr. Al-Sahili has 35 years of professional experience, teaching, and research. He received several awards for his work in research, teaching, and professional activities. Dr. Al-Sahili worked on projects in the USA, South America, Jordan, Saudi Arabia, Iraq, Libya, Lebanon, and Palestine. He also worked with several international companies and agencies. He is a member of several international professional organizations. He is fluent in English and Arabic languages. Dr. Al-Sahili is a registered professional engineer in the State of Florida.

EMPLOYMENT RECORD:

2005 – Present	Associate Professor , Transportation and Highway Engineering, Civil Eng. Dept., An-Najah National University, Nablus, Palestine
2014 – 2019	Dean , Faculty of Engineering and Information Technology, An-Najah National University, Nablus, Palestine
2000 – 2014	Director of Construction and Transportation Research Unit , An-Najah National University, Nablus, Palestine
2009 – 2014	Head of Road and Transportation Division – National Center for Sustainable Development, Palestine
1999 – Present	Freelance Consultant – Highway/Roads Engineer / Transport Planner / Strategic Planner / Traffic Engineer / Roads Quality Control, Palestine.
1999 – 2005	Assistant Professor , Transportation and Highway Engineering, Civil Eng. Dept., An-Najah National University, Nablus, Palestine
1996 – 1999	Project Manager , David Plummer Associates, Miami, USA
1998 - 1999	Adjunct Professor , Florida International University, Miami, USA
1995 - 1996	Research Associate , Department of Civil Engineering, Michigan State University, East Lansing, Michigan, USA
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
1988 - 1993	Construction Laboratory Supervisor , STS Consulting, Chicago and Lansing, Michigan, USA
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., Irbid, Jordan.

PROFESSIONAL EXPERIENCE**2014 – 2019, Dean, Faculty of Engineering and Information Technology****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 (including roads design, traffic engineering, pavement engineering, transportation planning, computer modeling, and environmental impacts of urban transport systems).
- Supervised more than 20 master theses on the various areas of transportation engineering, planning, and policies.
- Participated as a committee member in several theses in the various fields of transportation engineering, planning, and sustainability.
- Supervised and participated in numerous graduation projects in the area of transportation engineering, design, planning, and sustainability.

2000 – 2014 Director of Construction and Transportation Unit

An-Najah National University, Nablus, West Bank, Palestine.

Sample projects include roadway and pavement evaluation studies, development and performing of a national database for traffic volume counts, geotechnical investigation, environmental impacts of traffic systems, assessment of public transport sector, evaluation and development of the Palestinian transport systems, city traffic circulation plans, traffic impacts, speed humps, impacts of Israeli road measures on the transport sector, quality control for construction companies, and testing construction material properties.

1999 – Present Consultant – Transportation Planner/ Traffic Engineer/ Strategic Planner/ Program Evaluator, West Bank, Palestine.

Played the roles of Project Manager, Deputy Project Manager, Transportation Engineer/Planner, Traffic Engineer, Traffic Safety Expert, Capital Investment Planning Expert, and Legal and Institutional Framework of Regional Development Planning Expert

Sample projects:

- **Consolidation of Local Outline Plans for Palestinian Communities in Area C, 2021. Transportation Engineer.** The project was conducted for 6 localities and funded by the UNHABITAT.
- **Develop detailed Urban Planning Methodologies “Hand Books”, 2020-2021. Roads and Transportation Expert.** The project was sponsored by the GIZ for the benefit of MoLG.
- **Comprehensive Public Transportation Master Plan for the Urban Center of Ramallah and AL-Bireh, 2020 – 2021. Transportation Engineer.** The project was conducted for 4 municipalities under the supervision of the MDLF and MoLG (ICUD).
- **Traffic Impact Study of Khaled Al-Hassan Cancer Treatment Hospital, Surda, 2019. Main Consultant.** The project was prepared for Ammar Group to be submitted to Higher Planning Council as part of the permitting process
- **Extension of Transportation and Traffic Plan (for Ramallah – Al-Bireh) to include Surda- Abu Qash, 2019. Team Leader.** The project is sponsored by the MDLF.
- **Evaluation of numerous roads projects, 2000-present. Main Consultant.** The projects were conducted for municipalities, funding agencies, and MoLG.
- **Physical Inspection for Roads & Public Buildings for O&M- North West Bank, 2018. Senior Road Expert.** The project was conducted for several municipalities under the supervision of the MDLF.
- **Traffic Impact Analysis for Taj Shopping Malls, Nablus, 2018. Main Consultant.** The project was prepared for Nablus Municipality as part of the permitting process.

- **Traffic Impact Analysis for Hayat Nablus Events Hall, Nablus, 2018. Main Consultant.** The project was prepared for Nablus Municipality as part of the permitting process.
- **Traffic Impact Analysis for Bisat Al-Reeh Events Hall, Nablus, 2018. Main Consultant.** The project was prepared for Nablus Municipality as part of the permitting process.
- **Preparation of the Design Urban Road's Guidelines, 2017. Main Consultant.** The project was sponsored by the MDLF.
- **Evaluation of the Public Transportation Terminals in the West Bank, 2016. Main Consultant.** The project is sponsored by the GIZ for the benefit of Municipal Development and Lending Fund (MDLF).
- **Developing Spatial Development Framework Plan, Traffic and Transportation Plan for Ramallah, Al-Bireh, and Beituniya Municipal Area, and Aerial Photography for Beituniya, 2015-2016. Public Transport Expert.** The project is sponsored by Global Communities, and for the benefit of Ramallah, Al-Bireh, and Beituniya Municipalities in the West Bank.
- **Training Municipal Staff of the Installation and Use of TransCAD Software, 2016.** The project included purchasing, installing, and training of municipal staff of Ramallah, Al-Bireh, and Bitunia on the software. The project is sponsored by Global Communities, and for the benefit of Ramallah, Al-Bireh, and Beituniya Municipalities in the West Bank.
- **Traffic Impact Analysis for Rafidia Commercial Center, Nablus, 2016. Main Consultant.** The report is submitted for Nablus Municipality.
- **Naming and Coding for Streets and Buildings for 16 LGUs in the West Bank, 2014. Transportation Engineering Expert.** The project is sponsored by Global Communities, and for the benefit of 16 LGUs in the West Bank.
- **Assessment of Construction Testing Lab at the Ministry of Public Works and Housing, 2014. Main Consultant.** The project is sponsored by Development Alternatives Incorporated (DAI) and for the benefit of Ministry of Public Works and Housing.
- **Security and Stabilization – Rule of Law, Lebanon, 2013. Traffic Management and Road Safety Key Expert.** The project is sponsored by the EU for the Benefit of Lebanon.
- **Numerous Strategic Development and Investment Planning for more than 40 cities and towns and four governorates in the West Bank, 2010 - present. Transport Planning Expert.**
- **Numerous Physical / Master Planning for more than 40 cities and towns and four governorates in the West Bank, 2010 - present. Transport Planning Expert.**
- **Local Technical Consultancy Service for 42 Municipalities in the West Bank, 2012. Roads and Transportation Engineering Expert.** The project is sponsored by the Municipal Development and Lending Fund (MDLF).
- **Traffic Analysis and Design of Bethlehem Intersections, Bethlehem, 2011. Transportation and Traffic Expert.** The project is sponsored by Khatib and Alami.
- **Traffic Study and Planning for Abu Arish City, Jizan, KSA, 2011 -Project Manager.** The project is sponsored by Abu Arish Municipality through Al-Shati' Engineering Company.
- **Improving Roads Quality, 2011. Trainer.** The project is sponsored by the Chemonics International Inc (USAID), and for the benefit of the Ministry of Public Works and Housing.
- **Awarta Internal Roads – Design, 2011. Project Manager.** The project involved the design of internal roads in the Village of Awarta, Nablus.
- **Development of Al-Baloo Area in Al-Bireh, 2011. Road Designer.** The project was sponsored by the Municipality of Al-Bireh.
- **Design of the Presidential Heliport in Ramallah/Al-Bireh, 2010. Main Consultant.** Transportation Engineering Expert. The project is sponsored by PEC DAR for the benefit of the Office of the President.
- **Road Safety Audit and Review, 2010. Trainer and Safety Expert.** The project is sponsored by the Chemonics International Inc, and for the benefit of Higher Council for Traffic.

- **Roads Specifications – Design, Geometry, and Construction, 2010. Head of Road Construction Committee.** The project is sponsored by the Chemonics International Inc, and for the benefit of Ministry of Public Works and Housing. Headed the Roads Construction Committee and participated in the Road Design and Geometric Standards Committee.
- **Howara / Beita Intersection Design, 2010. Project Manager.** The project involved the design of the intersection for safety purposes. The intersection has one the highest fatality rates in the area. The project was sponsored by Beita Municipality.
- **Zawata Internal Roads – Design and Construction, 2010. Project Manager.** The project involved the design of internal roads in the Village of Zawata, Nablus, and the supervision of its construction.
- **Traffic Assessment and Planning for Al-Ersal Development Project, Ramallah City, 2010. Main Consultant.** The study is sponsored by the Arduna Real Estate and Development Co.
- **Transport Master Planning for Al-Ramadi City, Iraq, 2010. Transport Planner.** Worked as a member of a Center and Engineering and Planning (CEP) team.
- **Road Construction and Rehabilitation Program – Phase V – Design (design of five major road projects in the West Bank), 2009. Project Manager.** The project is sponsored by the USAID and for the benefit of the Palestinian Ministry of Public Works and Housing.
- **Road Construction and Rehabilitation Program – Phase V – Construction (preparation of shop drawing for Bazzarya-Deit Sharaf Road), 2009. Project Manager.** The project is sponsored by the USAID and for the benefit of the Palestinian Ministry of Public Works and Housing.
- **Developing Traffic and Roadway Safety Manual, 2009. Transport Expert.** The project is sponsored by the German Technical Cooperation (GTZ) and for the benefit of Palestinian Ministry of Transportation.
- **Capacity Building of Municipal Engineering Staff in Roads Projects and Quality Control, 2009. Trainer.** The project is sponsored by the Municipal Development and Lending Fund, and for the benefit of 132 municipalities and their staff.
- **Preparation of Manual for Road Design and Construction, 2009. Head of the Specification and Constructions Committee.** The project is sponsored by the USAID and for the benefit of the Palestinian Ministry of Public Works and Housing.
- **Launching of the Palestinian Higher Council for Traffic, 2009. Traffic Engineering and Safety Expert.** Participated in the preparation of the launching of the Council and moderated the launching workshop. The project is funded by the USAID and administered by Chemonics International Inc.
- **Road and Access Improvement Options Analysis - Trade Facilitation Project: Integral Planning and Design Concepts for Tulkarm/Shar'ar Ephraim Crossing Point, 2009. Transport Planning Expert.** The project was sponsored by Chemonics International Inc / USAID through Arabtech Jardaneh.
- **Strategic Assessment on Energy Efficiency and Security for Public Transport in the West Bank, 2009. Transport Planner.** The project was sponsored by the World Bank for the benefit of the Ministry of Transport.
- **Restructuring of Public Transport Sector in the West Bank, 2008. Transport Planner.** The project was sponsored by the World Bank for the benefit of the Ministry of Transport.
- **Rehabilitation of City Center / Ramallah City, 2008. Project Manager.** The project is sponsored by Ramallah Municipality.
- **Planning and Design of a Pedestrian Tunnel in Nablus City Center, 2008. Project Manager.** The project is sponsored by Nablus Municipality
- **Investment Options in the Transport Infrastructure, 2008. Transportation Engineer.** Transportation Consultant for the House of Palestinian Expertise.
- **Al-Ersal Development Traffic Impact Study, 2008. Transport/Traffic Planner.** The study was funded by the Palestine Investment Fund.

- **Roads and Pavement Designs for Jenin Roads, 2008. Transport Engineer.** The project was sponsored by the Ministry of Public Works and Housing, MPWH.
- **Roads and Pavement Designs for Nablus-Beit Eiba Roads, 2008. Transport Engineer.** The project was sponsored by the Ministry of Public Works and Housing, MPWH.
- **Revitalization of the Old City of Nablus, 2007. Transport Engineer/ Planner.** The project is funded by the Welfare Association.
- **West Bank and Gaza Economic and Sector Work - Transport Sector Review and Strategy Note, 2006/2007 – Project Manager.** The project was funded/sponsored by the World Bank.
- **Infrastructure Assessment for the West Bank and Gaza: The Transport Sector, for the World Bank, 2004 - Transport Planner.** Universal Group, Client: the World Bank.
- **Physical Damage Updating for the West Bank and Gaza Strip, 2004 - Transportation Engineering Expert.** Universal Group, Client: Local Aid Coordination Committee.
- **Evaluation of the Palestinian Road Network – Existing Conditions and Future Prospects, 2003.** Client: the Center for Private Sector Development, Palestinian.
- **The Impacts of Israeli Measures on the Palestinian Transportation Sector, 2002.** Client: the Center for Private Sector Development.
- **Transport Master Planning for Al-Ramadi City, Iraq, 2010. Transport Planner.** Worked as a member of a Center and Engineering and Planning (CEP) team.
- **Road Construction and Rehabilitation Program – Phase V – Design (design of five major road projects in the West Bank), 2009. Project Manager.** The project is sponsored by the USAID and for the benefit of the Palestinian Ministry of Public Works and Housing.
- **Road Construction and Rehabilitation Program – Phase V – Construction (preparation of shop drawing for Bazzarya-Deit Sharaf Road), 2009. Project Manager.** The project is sponsored by the USAID and for the benefit of the Palestinian Ministry of Public Works and Housing.
- **Establishing a Palestinian Central Roads Administration, 1999 -Road Engineering Expert. Dornier SystemConsult, Germany, in association with Universal Group for Engineering and Consulting.** Client: PECDAR (TAT). Funded by the World Bank. Prepared the traffic safety component of the project.
- **Strategic Development Planning and Spatial Development Framework for Bethlehem Governorate, Road and Transport Expert, 2015 – 2016.** The project is sponsored by the UN-Habitat.
- **Strategic Development Planning and Spatial Development Framework for Qalqilia and Tubas Governorates, Road and Transport Expert, 2015 – 2016.** The project is sponsored by the UN-Habitat.
- **Strategic Development and Investment Planning for Tulkarm Governorate, Transport and Infrastructure Expert, 2014-2015.** The project is sponsored by the Ministry of Local Government.
- **Enhancing the Regulatory and Policy Framework of the Strategic Development and Investment Planning in Palestine, 2011, Strategic Planning Expert.** The project included preparing Policy Paper for the Linkage of SDIP at the Local, Regional, and National Levels. The project was sponsored by the GIZ.
- **Physical Planning for 7 Municipalities and Villages south of Jenin Area in the West Bank, 2012. Transport Planner.** The project is sponsored by the Ministry of Local Government.
- **Physical Planning for 7 Municipalities and Villages in North West Nablus Cluster in the West Bank, 2011. Transport Planner.** The project is sponsored by the Ministry of Local Government.
- **Preparation of Strategic Development and Investment Plans for 5 Selected Municipalities in the Middle of West Bank, Ramallah & Jericho Governorates, 2011. Transport Planner (in association with Center for Engineering and Planning).** The project was sponsored by the

Municipal Development and Lending Fund (MDLF).

- **Preparation of Operating Manual for MoLG, 2011. Planning Expert.** The project is sponsored by the Ministry of Local Government.
- **Enhancing the Regulatory and Policy Framework of the Strategic Development and Investment Planning in Palestine, 2011, Strategic Planning Expert.** The project included preparing Policy Paper for the Linkage of SDIP at the Local, Regional, and National Levels. The project was sponsored by the GIZ.
- **Master Planning for Ras Al-Fara, 2011. Transport Planner.** The project is sponsored by the Ministry of Local Government.
- **Preparation of Strategic Development and Investment Plan for Salfit Governorate, 2011. Transport and Roads Expert.** The project was sponsored by the Ministry of Local Government.
- **Physical Planning for Yabad and Halhoul Towns in the West Bank, 2011. Transport Planner.** The project is sponsored by the CHF International and for the benefit of the Ministry of Local Government.
- **Preparation of Strategic Development and Investment Plans for 5 Selected Municipalities, Nablus Governorate, 2011. Transport and Roads Expert.** The project was sponsored by the Municipal Development and Lending Fund (MDLF).
- **Preparation of Strategic Development Plans for 12 Non-Governmental Organizations in the West Bank, 2011. Strategic Planner.** The project was sponsored by the Arab Fund for Development.
- **Preparation of Strategic Development and Investment Plans for 4 Selected Municipalities, Tulkarm and Qalqiya Governorates, 2011. Transport and Roads Expert.** The project was sponsored by the Municipal Development and Lending Fund (MDLF).
- **Master Planning for several Towns in the North and Middle of West Bank, 2010. Transport Planner.** The project is sponsored by the Ministry of Local Government.
- **Preparation of Strategic Development and Investment Plans for 5 Selected Municipalities, Hebron Governorate, 2010. Team Leader and Transport Planner.** The project was sponsored by the Municipal Development and Lending Fund (MDLF).
- **Master Planning for Al-Ramadi City, Iraq, 2010. Transport Planner.** Worked as a member of a Center and Engineering and Planning (CEP) team.
- **Strategic Development and Capital Investment Planning for Nablus Governorate, 2009.** Member of Core Planning Team and Transport Sector Expert.
- **Strategic Development and Capital Investment Planning for Al-Kafriyat Joint Service Council, Tulkarm, 2009. Planning Expert.** The project is sponsored by the BTC.
- **Piloting Strategic Development and Capital Investment Planning at 4 West Bank Municipalities (Qabatia, Bani Naim, Qabalan, and Al-Izzaria), 2008.** Senior Local Planning Expert. The project is sponsored by the GTZ.
- **Legal and Institutional Framework for Strategic Development Planning at the Regional Level, 2008.** Assisted Bir Zeit Law Institute, the project was funded by the UNDP.
- **Metropolitan Area of Ramallah, Al-Bireh, & Beitunya (RABMA) Study, 2008.** Reviewer. The review was conducted for the benefit of the Ministry of Local Government.
- **The Provision of a Participatory District Strategic Plan in Jenin Governorate, West Bank, 2007. Deputy Project Manager / Transportation Planner.** The project was funded and administered by the UNDP.
- **Replication of City Development Strategies (CDS) Experience for Palestinian Cities, 2007 – Main Consultant.** A project funded by the Cities Alliance and Implemented by the GTZ.
- **City Development Strategies (CDS) for Ramallah, Al-Bireh, and Beitunia, 2006. – Deputy Project Manager / Capital Investment Plan Expert / Transportation Planning Expert.** The project was funded by the Cities Alliance and Implemented by the GTZ.

- **City Development Strategies for Salfect, 2006 - Deputy Manager / Capital Investment Plan Expert.** A project funded by the Cities Alliance and Implemented by the GTZ.
- **Conceptual Framework for Defining Spatial Structure for Public Service Centers in the WBGs, 2006 – Project Manager.** The project was funded by the Norwegian Government and sponsored by the Ministry of Planning.
- **Evaluation of Higher Education Programs in the West Bank and Gaza, 2005. Program Reviewer.** As part of Accreditation and Quality Assurance Commission (AQAQ) team, evaluated all civil engineering related programs in the West Bank and Gaza including BSC and diploma programs.
- **Evaluation of Roads and Bridge Engineering (proposed) Program in Polytechnic University, Hebron, 2007. Program Reviewer.**
- **Evaluation of Building and Environmental Engineering (proposed) Program in Palestine Polytechnic University - Khadouri, Tulkarm, 2014. Program Reviewer.**
- **Evaluation of Civil and Infrastructure Engineering (proposed) Program in Polytechnic University, Hebron, 2015. Program Reviewer.**

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

Work included: Managing and performing projects for Miami-Dade County, Florida Department of Transportation, cities and municipalities, private agencies, and private developers. Area of expertise: traffic operations and design, travel demand management, transportation planning,, transportation master planning, transport policy assessment, parking management and policies, transportation impacts, access management and design, and transportation policies.

Sample Projects:

- Numerous transportation impact and management studies
- Florida Department of Transportation District Wide Traffic Operations and Safety Study
- Miami-Dade Countywide Parking Policy Study
- Port of Miami Master Plan
- Miami Heat New Arena Traffic Study
- Miami Downtown Master Traffic Study
- Alton Road Traffic Calming
- South Florida Regional Development Study
- Bakery Center Traffic Improvements
- Performing Arts Center Traffic Management Plan
- The Diplomat Resort and Country Club Traffic Study
- Miami Mobility Study
- Ritz Carlton Traffic Impact Study
- Brickell Square Flexible Development Program
- Tri-Rail Transit Development Plan.

1998-1999 Adjunct Professor Department of Civil Engineering, **Florida International University**, Miami, Florida.

1998-1999 Research Associate Department of Civil Engineering, **Michigan State University (MSU)**, East Lansing, Michigan

1991 Traffic Engineer MSU, 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.

Research projects included: **Alternative Fuels for Public Transport, Fuel Emission Review and Monitoring, Advanced Public Transport System (APTS) for Detroit Area, Roundabouts.**

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

PUBLICATIONS AND RESEARCH:

- Mohamed Salameh, Tamer Khatib, and Khaled Al-Sahili (2021). A Novel Design of Photovoltaic-Based Charging Station for Battery Vehicles with Dynamic Demand: A Case of Short Runs. *International Journal of Photoenergy*, Volume 2021, Article ID 6641548, 17 pages <https://doi.org/10.1155/2021/6641548>
- Demaidi, M. and Al-Sahili, K. (2021). Integrating SDGs in Higher Education – Case of Climate Change Awareness and Gender Equality in a Developing Country according to RMEI-TARGET Strategy. *Sustainability* 13(3101):1-21. DOI: [10.3390/su13063101](https://doi.org/10.3390/su13063101)
- Al-Sahili, K. and Qaisi, K. (2021). A methodology for measuring a local index of public transport accessibility. *Proceedings of the Institution of Civil Engineers – Transport*. Paper 2000029, 1-12, <https://doi.org/10.1680/jtran.20.00029>
- Hassouna, F. and Al-Sahili, K. (2020). Practical Minimum Sample Size for Road Crash Time-Series Prediction Models. *Advances in Civil Engineering*, Volume 2020, Article ID 6672612, 12 pages. <https://doi.org/10.1155/2020/6672612>
- Hassouna, F. and Al-Sahili, K. (2020). Environmental Impact Assessment of the Transportation Sector and Hybrid Vehicle Implications in Palestine. *Sustainability*, 12, 7878; [doi:10.3390/su12197878](https://doi.org/10.3390/su12197878)
- Hassouna, F. and Al-Sahili, K. Future Energy and Environmental Implications of Electric Vehicles in Palestine. *Sustainability* (2020), 12, 5515; [doi:10.3390/su12145515](https://doi.org/10.3390/su12145515).
- Hassouna, F. M., Abu-Eisheh, S., & Al-Sahili, K. (2020). Analysis and Modeling of Road Crash Trends in Palestine. *Arabian Journal for Science and Engineering*. 45(7), 25-37. DOI: [10.1007/s13369-020-04740-y](https://doi.org/10.1007/s13369-020-04740-y)
- Profile of Pedestrian Crashes in Nablus City, Palestine. The 2nd International Conference on Civil Engineering – Palestine, Engineers Association, 25-26 Nov 2019, Ramallah, Palestine.
- Performance Level of the Public Transportation in The West Bank. The 2nd International Conference on Civil Engineering – Palestine, Engineers Association, 25-26 Nov 2019, Ramallah, Palestine.
- Identification of Main Natural Hazards Affecting the Transportation Network In Nablus City, Palestine. The 2nd International Conference on Civil Engineering – Palestine, Engineers Association, 25-26 Nov 2019, Ramallah, Palestine.
- Safety Aspects of Palestinian Freight Transport Sub-Sector- Case Study: Jenin Governorate. The 2nd International Conference on Civil Engineering – Palestine, Engineers Association, 25-26 Nov 2019, Ramallah, Palestine.
- Al-Sahili, K., Dwaikat, M. Modeling Geometric Design Consistency and Road Safety for Two-Lane Rural Highways in the West Bank, Palestine. *Arab J Sci Eng* (2019) 44 (5): 4895–4909. <https://doi.org/10.1007/s13369-018-3610-7>
- الندوة الدولية حول السلامة المرورية في قطاع النقل، البرامج الوطنية للسلامة المرورية في الدول العربية، 1 August 2018, Tunis.
- Al-Sahili, K. (2018). Study of Traffic and Roads in Nablus Old City. *Journal of King Abdulaziz University: Engineering Sciences*, 29(2): 53-75. [Doi: 10.4197/Eng.29-2.4](https://doi.org/10.4197/Eng.29-2.4)
- Al-Sahili, K., Eisheh, S., Kobari, F. Estimation of New Development Trip Impacts through Trip Generation Rates for Major Land Uses in Palestine (2018). *Jordan Journal of Civil Engineering* 12 (4): 669-682.
- Al-Sahili, K., Dwaikat, M., Abu-Eisheh, S., and Alhajyaseen, W. Effectiveness of Consistency Measures in Crash Prediction Models for Two-Lane Highways in Palestine. *Arab J Sci Eng* (2018) 43: 5645. <https://doi.org/10.1007/s13369-018-3285-0>
- Abu Eisheh, S., Sarraj, Y., Al-Sahili, K., Alhajyaseen, W., and Hamadneh, J. NATIONAL

TRAFFIC SAFETY PROFILE: PALESTINE 1970-2015. Proceedings of the Eighth Traffic Safety Conference / Jordan 2017, Dec 2017.

- Al-Sahili, K. and Jaber, A. PROFILE OF PEDESTRIAN ROAD CRASHES IN NABLUS GOVERNORATE, PALESTINE. Proceedings of the Eighth Traffic Safety Conference / Jordan 2017, Dec 2017.
- Al-Sahili, K., Abu Eishah, S. & Kobari, F. Estimation of New Development Trip Impacts through Trip Generation Rates for Major Land Uses in Palestine. The 7th Jordanian International Civil Engineering Conference, Amman, 9-11/5/2017.
- Al-Sahili, K. and Hamadneh, J. Establishing Parking Generation Rates/Models of Selected Land Uses for Palestinian Cities. *Transportation Research, Part A: Policy and Practice*, 91 (2016) 213–222. DOI: [10.1016/j.tra.2016.06.027](https://doi.org/10.1016/j.tra.2016.06.027)
- Reality of Road Safety Conditions at Critical Locations in Nablus City, Palestine with a Road Map for Future Interventions. *An-Najah University Journal Research - Natural Sciences*, 2016, pp. 141-172. (co-author with Hothaifa Khader).
- "The Impact of Traffic Congestion and Public Transport on Air Pollution in Palestinian Cities – Case Study: Ramallah City." 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." *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. (coauthor with Dr. Sameer Abu-Eishah 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-Eishah)
- "The Framework for the Development of a Medium-Term Transportation Program for an Economy in Transition: The Palestinian Case." The Transportation Research Board 85th Annual Meeting. Washington, DC, USA, January 22–26, 2006. (co-author with Dr. Sameer Abu-Eishah)
- "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-Eishah)
- "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.
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