

**KHALED AL-SAHILI, Ph.D., P.E.****Faculty of Engineering and Information Technology****Professor, Civil Engineering****An-Najah National University**

Nablus, Palestine

Tel (Mobile): +0972-59-9674-096

[alsahili@yahoo.com](mailto:alsahili@yahoo.com); [alsahili@najah.edu](mailto:alsahili@najah.edu)**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

**Scientific Journal Editors/Reviewers**

- An-Najah University Journal – Natural Sciences, Editorial Board, 2006, 2021-Present
- Guest Editor: Sustainability Journal – Special Issue: Sustainability and Resilience to Climate Change Hazards and Gender Equality (2020 – 2021).
- Reviewer in the following journals:
  - An-Najah University Journal – Natural Sciences
  - Transportation Research – Part A: Policy and Practice
  - Transportation Research Interdisciplinary Perspectives
  - Journal of Advanced Transportation
  - Journal of King Saud University Journal
  - Islamic University of Gaza Research
  - Sustainable Cities and Societies Journal
  - Transportation Research Records
  - International Journal of Injury Control and Safety Promotion
  - Journal of Safety Science
  - Journal of Transport and Health
  - Journal of Safety Research
  - Sustainability Journal
  - Journal of Transport Policy

**Professional Development**

- **The Impact of COVID-19 on University Research and International Cooperation.** March 15, 2021. Center for Learning Innovations and Customized Knowledge Solutions (CLICKS).
- **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.** 10-14<sup>th</sup> 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

Prof. Al-Sahili has a doctorate degree of civil engineering with a specialization in transportation engineering and planning. He is also a professor at An-Najah National University in Nablus, Palestine. He 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. Prof. Al-Sahili has extensive experience in the area of transportation engineering and planning, road designs, road mobility and 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. He also coauthored a book on “Transforming Mobility: Collective Transport and Spaces in Nablus and Ramallah.”

Prof. 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.

Prof. Al-Sahili supervised several graduation projects and researches in the areas related to sustainable transportation and mobility plans, 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.

Prof. 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:

|                       |   |
|-----------------------|---|
| <b>2021 - Present</b> | <b>Professor,</b> Transportation and Highway Engineering, Civil Eng. Dept., An-Najah National University, Nablus, Palestine           |
| <b>2005 – 2020</b>    | <b>Associate Professor,</b> Transportation and Highway Engineering, Civil Eng. Dept., An-Najah National University, Nablus, Palestine |
| <b>2004 - Present</b> | <b>Coordinator,</b> Graduate Program of Highway and Transportation Engineering, An-Najah National University, Nablus, Palestine       |
| <b>2014 – 2019</b>    | <b>Dean,</b> Faculty of Engineering and Information Technology, An-Najah National University, Nablus, Palestine                       |

|                |   |
|----------------|---|
| 2000 – 2014    | <b>Director of Construction and Transportation Research Unit</b> , An-Najah National University, Nablus, Palestine                                  |
| 2009 – 2014    | <b>Head of Road and Transportation Division</b> – National Center for Sustainable Development, Palestine  |
| 1999 – Present | <b>Freelance Consultant</b> – Highway/Roads Engineer / Transport Planner / Strategic Planner / Traffic Engineer / Roads Quality Control, Palestine. |
| 1999 – 2005    | <b>Assistant Professor</b> , Transportation and Highway Engineering, Civil Eng. Dept., An-Najah National University, Nablus, Palestine              |
| 1996 – 1999    | <b>Project Manager</b> , David Plummer Associates, Miami, USA   |
| 1998 - 1999    | <b>Adjunct Professor</b> , Florida International University, Miami, USA   |
| 1995 - 1996    | <b>Research Associate</b> , Department of Civil Engineering, Michigan State University, East Lansing, Michigan, USA                                 |
| 1991           | <b>Traffic Engineer</b> , Michigan State University, Department of Public Safety, East Lansing, Michigan.   |
| 1990-1994      | <b>Instructor, Coordinator, and Teaching Assistant</b> , Department of Civil Engineering, Michigan State University, East Lansing, Michigan         |
| 1989-1995      | <b>Research Assistant</b> , Department of Civil Engineering, Michigan State University, East Lansing, Michigan                                      |
| 1988 - 1993    | <b>Construction Laboratory Supervisor</b> , STS Consulting, Chicago and Lansing, Michigan, USA  |
| 1987           | <b>Transportation / Design Engineer</b> , Jordan University of Science and Technology, Irbid, Jordan.   |
| 1986 - 1988    | <b>Instructor and Teaching Assistant</b> , Department of Civil Engineering, Jordan Univ. of Science and Tech., Irbid, Jordan.                       |

### PROFESSIONAL EXPERIENCE

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

Played the roles of Project Manager/Team Leader, 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:**

- **Preparing Training Material and Conducting Training Sessions on Climate Change Adaptation. Urban Mobility Trainer.** The project is funded by the Swiss Agency for Development and Cooperation through the UN-Habitat, under the supervision of the technical Ministry of Local Government.
- **Preparing Master Plans for Palestinian Communities in Area C - Regional Cluster Plan for Qalqilya Governorate. Transport Planner.** The project is funded by the GIZ for the benefit of Palestinian municipalities.
- **Support the Preparation of Strategic Development and Investment Plans (SDIPs) in selected municipalities / Nablus and Tulkarm Governorates (24 municipalities). Transportation Engineer & Strategic Planner.** The project was conducted for 24 municipalities under the supervision of the MDLF.
- **The Second Phase of a Detailed Comprehensive Public Transportation Master Plan, 2022 – 2023. Senior Roads & Transportation Expert.** The project was conducted for 4 municipalities under the supervision of the MDLF and MoLG (ICUD).

- 
- **National Connectivity Report for Palestine, 2021. National Consultant for Palestine on Sustainable Inland Transport.** The project is funded by the UN Economic and Social Council for Western Asia (ESCWA).
  - **Joint Spatial and Strategic Investment Planning for the Targeted Urban Areas, 2021. Team Leader.** The project is targeting four major urban areas in Palestine. The project is financing from the World Bank for the Integrated Cities and Urban Development Project (ICUD). ICUD is jointly implemented by the Ministry of Local Government and the Municipal Development and Lending Fund.
  - **National Urban Policy for Palestine, 2021. Team Leader.** The project is funded by the UNHABITAT.
  - **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.
  - **Transforming Mobility: Collective Transport and Spaces in Nablus and Ramallah, 2018.** Co-authored a book with Belgium partners.
  - **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 60 cities and towns and four governorates in the West Bank, 2010 - present. Transport Planning Expert.**
- **Numerous Physical / Master Planning for more than 50 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 PECNDAR 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.
- **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 Salfet, 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 WBS, 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.**
- 2021 – Present, Professor -- Transportation and Highway Engineering**  
**2005 – 2020, Associate Professor -- Transportation and Highway Engineering**  
**1999-2005, Assistant Professor -- Transportation and Highway Engineering**  
 An-Najah National University – Civil Eng. Dept., Nablus, Palestine.
- Teaching graduate and undergraduate courses in Transportation Engineering (roads design, traffic engineering, pavement engineering, transportation planning, facilities design, computer modeling, and environmental impacts of urban transport systems).



- Supervised more than 30 master theses on the various areas of transportation engineering, planning, and policies.
- Participated as a committee member for more than 30 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.

**2014 – 2019, Dean, Faculty of Engineering and Information Technology**

- Leading the college in academic, programmatic, managerial, and fiscal aspects
- Verifying the adequacy of instruction, monitoring academic integrity, conferring degrees, and monitoring students' progress.
- Providing local direction and resources for the education, training, and implementation of local and university regulations.

**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.

**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.

- Taught graduate courses on Highway Capacity and Traffic Control

**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:**

- Al-Sahili, K. and Qaisi, K. (2023). A methodology for measuring a local index of public transport accessibility. Proceedings of the Institution of Civil Engineers – Transport. 176:6, 337-348, <https://doi.org/10.1680/jtran.20.00029> (IF: 1.121)
- Putman, B.J., Al-Sahili, K., Gilbrecht, A., Franklin, K.B., Girish, S., Leiva, F., and Khader, A. (2023). Assessment of an International Virtual Exchange Project with Civil Engineering Students from the US and Palestine: Global Competencies, Perceived Value, and Teamwork. 2023 ASEE Annual Conference & Exposition, Baltimore, MD. <https://nemo.asee.org/public/conferences/327/papers/39557>
- Putman, B.J., Al-Sahili, K., Gilbrecht, A., and Franklin, K.B. (2023). Enhancing Global Competencies Through Cross-Cultural Dialogue in International Virtual Exchange. International Conference on Debate and Dialogue, Doha, Qatar.
- Jaber, A. and Al-Sahili, K. (2023). Severity of Pedestrian Crashes in Developing Countries: Analysis and Comparisons Using Decision Tree Techniques. SAE International Journal of Transportation Safety 11(3):307-320, <https://doi.org/10.4271/09-11-02-0008>.
- Dbeis, A., Al-Sahili, K. (2023). Optimizing Performance and Spatial Distribution of ATMs During COVID-19 Lockdown—A Queuing Theory Approach. In: Hamdan, A., Harraf, A., Buallay, A., Arora, P., Alsabatin, H. (eds) From Industry 4.0 to Industry 5.0. Studies in Systems, Decision and Control, vol 470. Springer, Cham. [https://doi.org/10.1007/978-3-031-28314-7\\_77](https://doi.org/10.1007/978-3-031-28314-7_77)
- Jaber, A., Al-Sahili, K., and Juhasz, J. (2022). Demand-responsive Users' Travel Behavior and Satisfaction Analysis in Small Cities: Case Study of the Public Transportation System in Palestine. Periodica Polytechnica Transportation Engineering 52, <https://doi.org/10.3311/PPtr.19914>
- Keblawi, A. Z. A., & Al-Sahili, K. (2022). Performance Level of the Public Transportation in the West Bank. RSF Conference Series: Engineering and Technology, 1st International Conference on Sustainable Mobility and Safety (IC-SMS), 2(2), 232–246. <https://doi.org/10.31098/cset.v2i2.577>
- Dbeis, A. and Al-Sahili, K. (2022). Optimizing Performance and Spatial Distribution of ATMs during COVID-19 Lockdown -A Queuing Theory Approach. The International Conference on Business and Technology (ICBT'2022), 12-13 Nov. 2022, Istanbul, Turkey.
- Hassoun, R. and Al-Sahili, K. (2022). PUBLIC TRANSPORTATION CRASHES IN PALESTINIAN CITIES. Sustainable Development in Traffic Safety, 8-9 Nov. 2022, Jericho, Palestine.
- Gilbrecht, A., Putman, B., Al-Sahili, K., and Franklin, K. (2022). Development of Pre-Engagement Modules to Promote Effective Intercultural Competency Through Cross-Cultural Dialogue for International Virtual Exchange (IVE). 25th Annual Colloquium on International Engineering Education (ACIEE 2022) - Connecting Engineering with Humanities, 2-3 Nov. 2022, Rhode Island, USA.
- Franklin, K., Gilbrecht, A., Putman, B., and Al-Sahili, K. (2022). Leverage International Virtual Exchange to Cultivate Diversity, Equity and Inclusion within Global Learning. The American Association of Colleges and Universities; Transforming Global Learning Practice: Time for Action, Conference on Global Learning. 12-14 Oct 2022, USA.
- 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)
  - 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](https://doi.org/10.1007/s13369-020-04740-y). 45(7), 25-37. DOI: [10.1007/s13369-020-04740-y](https://doi.org/10.1007/s13369-020-04740-y)
  - Al-Sahili, K. and Jaber, A. Profile of Pedestrian Crashes in Nablus City, Palestine. The 2<sup>nd</sup> International Conference on Civil Engineering – Palestine, Engineers Association, 25-26 Nov 2019, Ramallah, Palestine.
  - Al-Sahili, K. and Elayyan, A. Performance Level of the Public Transportation in The West Bank. The 2<sup>nd</sup> International Conference on Civil Engineering – Palestine, Engineers Association, 25-26 Nov 2019, Ramallah, Palestine.
  - Al-Sahili, K., Dabeek, J., and Aqel, E. Identification of Main Natural Hazards Affecting the Transportation Network In Nablus City, Palestine. The 2<sup>nd</sup> International Conference on Civil Engineering – Palestine, Engineers Association, 25-26 Nov 2019, Ramallah, Palestine.
  - Al-Sahili, K. and Souqia, K. Safety Aspects of Palestinian Freight Transport Sub-Sector- Case Study: Jenin Governorate. The 2<sup>nd</sup> 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>
  - Hala Aburas, Ali Abdelhamid, Dirk Lauwers, Kobe Boussauw, Fabio Vanin, Frank D’hondt, Khaled Al-Sahili, and Sameer Abu-Eisheh. (2018). Transforming Mobility: Collective Transport and Spaces in Nablus and Ramallah. (Book)
  - 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.
- "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-Eishah)
- "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.
- "Transport Systems Impact and Air Quality Assessment of Downtown Nablus City." Abstract – Better Air Quality Workshop 2002, Hong King, 16-18 December 2002. (coauthor with Dr. Sameer Abu-Eishah).
- "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-Eishah)

- 
- “Traffic Systems Management for Palestinian Cities: Concepts and Application.” The Palestinian Economic Council for Development and Reconstruction, Ramallah, 2001. (co-author with Dr. Sameer Abu-Eisheh)
  - “Effectiveness of Speed Bumps on Collectors and Urban Arterials in Palestine.” Proceedings of the Palestinian Engineering Conference 2001, Nablus, Palestine, Aug. 20-21, 2001, pp. 1-16. (co-author with Dr. Osama Abaza)
  - “Planning Guidelines for Bus Priority System.” Proceedings of the Palestinian Engineering Conference 2001, Nablus, Palestine, Aug. 20-21, 2001, pp. 17-28. (co-author with Dr. William Taylor)
  - ‘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)
  - ‘Sensitivity Analysis of Bus Preemption Signal (BPS) -- An Application of Advanced Public Transportation Systems (APTS).’ Symposium of the Third Annual World Congress on Intelligent Transport Systems, October 14-18, 1996, Orlando, Florida, USA. (co-author with William Savage)
  - ‘Bus Preemption Signal (BPS) - An Application of Advanced Public Transportation Systems (APTS).’ Submitted to the Michigan Department of Transportation Bureau of Urban Public Transportation and the Great Lakes Center for Truck and Transit Research, USA, August 1995.
  - ‘Exhaust Emission Regulations.’ Submitted to the Michigan Department of Transportation Bureau of Urban Public Transportation and the Great Lakes Center for Truck and Transit Research, December 1991. (co-author with Dr. William Taylor and others)
  - ‘Alternative Fuels for Buses and Other Heavy Vehicles’. Final Report, Submitted to the Michigan Department of Transportation Bureau of Urban Public Transportation and the Great Lakes Center for Truck and Transit Research, USA, January 1991. (coauthor with Dr. William Taylor and others)