

CURRICULUM VITAE
PROF. KHAIR S. JADAAN

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PERSONAL DATA

Date of Birth : 27 March 1948
Marital Status : Married with one child
Nationality : Jordanian/ New Zealand
Languages : Arabic, English, knowledge of German

EDUCATION / PROFESSIONAL

- Doctor of philosophy (Ph.D.) Traffic Engineering and Planning, 1975
University of Bradford, England.
- Master of Science (M.Sc.) Transportation Engineering, 1972
University of Leeds, England.
- Bachelor of Science (B.Sc.) Civil Engineering, 1969
University of Basrah, Iraq.
- Fellow, Institute of Highway and Transportation, England.
- Member, Institute of professional Engineers, New Zealand.
- Member, American Society of Civil Engineering, USA.
- Member, Jordanian Society of Professional Engs, Jordan.

PROFESSIONAL EXPERIENCE

- 2009 - Present : University of Jordan, Department of Civil Engineering, Jordan.
Professor of Transportation Engineering and Planning.
- 1997 - 2009 : Arab Fund for Economic and Social Development,
(AFESD) Kuwait Engineering Advisor.
- Sep. 2001 - Feb. 2003 : (On Leave from the AFESD)
a) Advisor to the Minister of Municipalities and Rural Affairs
and Environment, Jordan.
b) Professor of Transportation Engineering- Al-Isra Private
University.
- 1993 - 1997 : University of Jordan, Department of Civil Engineering, Jordan.
Professor of Transportation Engineering and Planning, and Head
of Transport Group.
- 1990 - 1993 : Works Consultancy Services Ltd, (Privatized Ministry of
Works and Development), Wellington, New Zealand.
Senior Transportation Advisor.
- 1976 - 1990 : Kuwait University, Department of Civil Engineering, Kuwait
Assistant and Associate Professor.
- 1986 : Institute of Transportation Studies, University of
California, Berkeley, USA
Transportation Engineering Scholar.
- 1985 : University of Canterbury, Department of Civil engineering,
New Zealand.
Professor of Transportation Engineering.
- 1975 - 1976 : Baghdad University, Department of Civil engineering, Iraq.
Assistant Professor.
- 1972 - 1975 : University of Bradford, Department of civil engineering,
England.
Teaching Assistant, Ph.D Student
- 1970 - 1972 : University of Leeds, Department of civil engineering, England.
Master's Student.

- 1970 : Stocke Engineering Company, West Germany,
Civil Engineer.
- 1969 : Irbid Municipality, Jordan.
Civil Engineer.

EMPLOYMENT RECORD

A: Academic Experience

- 30 years teaching and research experience at universities of Leeds (England), Bradford (England), Baghdad (Iraq), Kuwait, California Berkeley (USA), Canterbury (New Zealand), Univ. of Jordan, and Al-Isra (Private Univ. /Jordan).
- Developed, prepared and taught about 15 graduate (M.Sc. and Ph.D. levels) and undergraduate courses in Transportation/ Traffic engineering covering planning, design, construction, economics and environmental impacts of transport, airports, infrastructure and civil engineering projects at large, traffic engineering, traffic safety, in addition to basic engineering courses such as statics ,strength of materials, statistics and surveying.
- Supervised several theses leading to M.Sc. and Ph.D. degrees.
Titles of selected theses:
 - 1- Analysis of Traffic Accidents in Kuwait.
 - 2- Traffic Accidents Along Amman-Zarka and Amman- Qutrana Roads.
 - 3- Traffic Conflicts At Signalized Intersections.
 - 4- Demand Management for Road Traffic in Metropolitan Amman.
 - 5- Relationship Between Geometric Design and Driver Expectancy.
- Published ~~4~~ papers in reputable international scientific journals and about 50 papers in international conferences held in about 20 countries including USA, UK, Japan, Australia, New Zealand, China, Korea, Taiwan, Singapore, Spain, Finland, Yugoslavia, Mexico, Brazil, Egypt, Kuwait, Syria, Saudi Arabia, and Jordan.

The publications covered variety of areas including Traffic Safety (60 papers), Traffic Operations and Management (20 papers), Environmental Impact of Transport (10 papers), Highway engineering, Housing, and Modeling.

- Developed/ participated in developing manuals:
 - 1- Safety Audit.
 - 2- Traffic Conflict Technique: User's Manual
 - 3- Surveying Fieldwork.
- Reviewer for research output; reports and publications for:
 - 1- Transportation Research Board (TRB) of USA.
 - 2- Australian Road Research Board of Australia.
 - 3- University of California, Berkeley of USA.
- Community Services:
 - 1- Advisor to many government departments in New Zealand, Kuwait and Jordan.
 - 2- Participated in many training courses, local conferences, meetings and public lectures in Kuwait, Jordan, Syria, New Zealand, and England.
 - 3- External examiner to educational institutes.
- Author/ Editor of books on Traffic accidents before and after 1976 traffic law, current traffic problems in Kuwait.
- Prepared over 40 appraisal reports for projects funded by AFESD.

B: Consulting Experience

- 2009 - Present : Give advice and review studies/ strategies on technical issues upon the request of the Minister of Public Works and Housing.
- 1997 - 2009 : Arab Fund for Economic and social development, Kuwait.
Engineering advisor, with responsibilities that include:
 - a) Project financing and Co-financing, loan management, cooperation and coordination with international funding agencies such as World Bank, Islamic Development Bank and OPEC fund.

- b) Projects appraisal, funding approvals, and follow up of execution, quality control and projects budgeting. The projects were in the public and private sectors in 13 Arab countries and covered variety of areas including roads, ports, airports, highway bridges and interchanges, marine structures, infrastructure, housing and hospitals.
- c) Prepared RFP for the Arab rail way network study then was the head of a committee in AFESD to evaluate the International consultants' technical and financial proposals.
- 2002 - 2003 : Advisor to the Minister of Municipalities and Rural Affairs and Environment- Jordan. (On leave from the AFESD)
Advise the Minister on various issues including development and implementation of strategies and training.
- 1993 - 1997 : a) Advisor to the Royal Committee for planning of Zarka City- Jordan.
Supervised a technical team for data collection and analysis and devising an implementation strategy for the most appropriate identified plans especially those related to improvements in traffic safety and traffic congestion.
b) Managed and worked on several highway, transportation and infrastructure projects with local and international consultants
- 1990 - 1993 : a) Works Consultancy Services Ltd, Wellington. New Zealand. Senior traffic engineer, responsible for transportation studies, traffic studies, feasibility studies and scheme assessments, traffic safety and environmental impact of transport.
b) Participated in developing a National Safety Audit Manual for New Zealand.
- 1983 - 1985 : a) Consultant to the Emiri Diwan, Kuwait to evaluate the public transport system and put a strategy for its improvement.
b) Consultant to the Supreme Traffic Council, Kuwait:

- Evaluating the work completed by international consultants and advising the council on technical issues.
 - Developed strategies for traffic engineering and traffic safety improvement.
 - Prepared a plan for establishing driving schools and another for vehicle testing.
- 1984 - 1985 : Consultant to the Directorate of Research and Studies, Ministry of Interior, Kuwait.
Advising the Director on research priorities and supervising research studies in the areas of traffic management and traffic safety.
- 1981 - 1983 : Consultant to the General Traffic Directorate, Ministry of Interior, Kuwait.
Assessing traffic problems in Kuwait, both technical and administrative, and suggesting the necessary solutions with special emphasis on traffic congestion and traffic safety
- 1970 : Stocke Engineering Company, West Germany.
- Design of bridges, retaining walls and other structural aspects of roads.
 - In-situ testing of soil
 - Field surveying including leveling and curve ranging
 - Plan control and cost estimate
- 1969 - 1970 : Irbid Municipality, Jordan.
- Project management, resurfacing streets in Irbid
 - Design and construction of concrete shelters (underground and above ground).

Medicine, UK.

- Member of KFAS (Kuwait Foundation for Advancement of science), Prize Evaluation Committee.
- Member of the Editorial Board, Journal of Traffic Medicine, UK.
- Reviewer, Australian Road Research, Australia.
- Chairman, Member of Organizing Committee, Member of Steering Committee/ International Scientific Committee of many conferences held in Brazil, Finland, China, Malaysia, Kuwait and Jordan.
- Chairman of Session/ invited keynote speaker in many international conferences.
- Scholarship-University of Bradford.