

RESUME

Dr. EZZIDDIN ABU SARDANEH, P.Eng.
Professor in Planning and Civil Engineering

Time and Risk Management

288 Noble Ave
Greenacre NSW 2910
Australia
GSM: +61 4481 78887

Email: ezziddin@pan-pac.org or ezziddin@hotmail.com

1. PERSONAL SUMMARY

- **Creative, Innovative, and Multifunctional Planning Strategy Thinker**
- **Rapid Interpersonal Ability** across a variety of cultures and backgrounds
- **Professional Registered Engineer**
- **Commercial Business Geo-Strategist**
- **Project Manager & Trainer**
- **Research & Development Scientist**
- **Quality of Engineering Education and Technology Transfer.**
- **Educational & Business Training Specialist**
- **Computer Literate** and internet savvy
- **Mastery of Quantitative** and qualitative statistical analysis
- **Fund Raising** Management and Administration
- **Debating** society covering abroad spectrum of philosophical issues
- **Promoting** Peace Through Understanding
- **Develop shared values** and common approaches to the challenges facing community of nations

2. EDUCATION

- Leeds University (England), 1988.
Postgraduate student with the Civil Engineering Department
Graduate with **Ph.D.** Degree.

3. KEY COMPETENCIES

- Educational Engineering & Business Development
- Training & Urban Planning Strategy
- Business Strategy Management
- Problem Solving Techniques
- Management Information Technology / System
- Human Resources Management
- Privatization

4. INTERNATIONAL AFFILIATION / MEMBERS

- Professional Engineer, The Institution of Engineers, Australia
- Member, **George C. Marshall, European Center for Security Studies**, Germany
- Member, Australian Institute of Training & Development
- Member, American Society of Civil Engineers, USA
- Member, Society of Strategic Planning, UK
- Member, Australian Management Association, **VP for Training & Development**
- Life Member, Leeds University Unions, UK
- Member, **Diplomatic Jordanian Institution**, Jordan
- Member, Islamic Studies and research Association, Jordan
- Member, Jordan Roads Society
- Member, Jordan Engineers Association
- Member, Jordan Society for Prevention of Traffic Accidents

5. EMPLOYMENT HISTORY

2008-Present	Director of Business Development, The First Investor, Doha, Qatar
2003 – 2008	Managing- Director , URBAN INTERNATIONAL ENTERPRISE DEVELOPMENT, Middle and Far East Area. Foundation Essprit – ICARUS. Urban Planning and infrastructure Development, Pan Pacific, Lisboa. Portugal.
1997 – 2003	Professor , School of Engineering, American University of Sharjah, (Co-founder of Engineering School). Interim Dean and Coordinator of Engineering Program. Sharjah, U.A.E.
1995 – 1997	Associate Professor , Civil Engineering Department. Qatar University. Doha, Qatar
1990 - 1995	Assistant Professor, Civil Engineering Department. University of Jordan. Amman, Jordan.
1989 – 1990	Project Manager , Highway Engineering Division. Union Company. Amman, Jordan.
1985 – 1988	Teaching and Research Assistant , Civil Engineering Department. Leeds University. Leeds, U.K.
1984 –1985	Research Assistant , Civil Engineering Department. Yarmouk University. Irbid, Jordan.
1982 – 1984	Engineer , Royal Engineering College, Jordanian Armed Forces. Jordan.

6. EXTRA PROFESSIONAL EXPERIENCE

- Project Manager , Union Construction Company, Al Qastal Bridge Project, Queen Alia Airport Highway, Amman, Jordan, 1989.
- Consultant, Communication Ministry, Roads Department, Riyadh Ring Road Project, Riyadh, K.S.A, 1988.
- Urban Planning Expert. Member for determining the standards and specifications for road, highway and bridges in Leeds City, U.K. 1989.
- Short Visiting, Kentucky University, Civil Engineering Department, Pavement Division, Lexington, 40506-0046, Kentucky, U.S.A, Summer 1991.
- Short Visiting, Florida Gainesville University, Civil Engineering Department, Florida, U.S.A, Summer 1992.
- Short Visiting, Nottingham Trent University, Civil Engineering Department, Nottingham, U.K, Summer 1993.
- Lecturer at Al Najah National University, West Bank, Palestine and at the Islamic University of Gaza, Gaza Strip, Palestine, December 1993.
- Short Visiting, Sydney University, Civil Engineering Department, Sydney, NSW 2004, Australia 1996.
- Technical Advisor, Gauri International Corporation PLY.LTD, Melbourne, Australia, (Doha Branch), 1996.
- Short Visiting, Queensland University of Technology, Queensland, Civil Engineering Department, 1997, 1998 and 1999.
- Managing Director. Foundation Essprit – ICARUS. FEI's Representative in the Middle East and Gulf Area. 1999 – 2003
- Director for all the urban developing infrastructure, Diar and Barwa project , Doha Qatar

7. TEACHING EXPERIENCE COURSES TAUGHT

Teaching both graduate and undergraduate courses mainly in Urban Planning Highway and Materials. Supervising and member of the Examination Committee for over 150 B.Sc. and M.Sc. graduation projects at University of Jordan, Leeds University, University of Sydney, Qatar University and American University of Sharjah.

Undergraduate Courses:

Engineering Drawing (I&II), Surveying (I&II) with Lab, Photogrammetry, Strength of Materials, Materials Science, Urban Planning , Town Planning, Urban Planning strategy and Management, Highway Engineering (I&II) with Lab, Pavement Design, Urban Planning, Probability and Statistics and Contracts and Specifications.

Graduate Courses:

Highway Engineering Management, Time and Risk Management, Advanced Pavement Design, Value Engineering, and Geographic Information System (GIS).

8. CONTINUING EDUCATION

More than 150 Management and Engineering seminars, courses and conferences have been attended world –wide.

- **Workshop** on Performance and Management of Road Pavement.
- **Training** program on Effective Business Communication and career Planning.
- **Training** program on Urban Project Management Executives.
- **Training** program Implementation Strategy of Value Engineering on Governmental Projects.
- **Workshop** on Development of Urban Strategies of Commercial Town Business.
- **Training** program on The new challenge: Urban Technology.
- **Workshop** on Practice Optimization Techniques for Urban Planning, Civil Engineers.
- **Workshop** on Computer Aided Design for Urban Road Networks.
- **Workshop** on Highway Geometric Design: Advanced Design Control and Criteria.
- **Workshop** on Traffic Accident and Injuries: Prevention and Control.
- **Workshop** on Bituminous Pavements: Materials, Design and Evaluation.
- **Workshop** on Traffic Monitoring and Fault Diagnosis: Urban Planning Strategy.
- **Training Executive** Program in International and Security Affairs.
- **Training** program on Leaders for 21ST Century Course.

9. BRIEF DESCRIPTION OF EXPERIENCE

- Director of Business Development , Urban Projects, Doha Qatar.
- FEI's Managing Director. Preparation of economic study for Projects funding approval.
- Interim Dean and Coordinator of Engineering Program Curriculum, American University of Sharjah.
- Coordinator of the Higher Committee for the Accreditation Board of Engineering and Technology (ABET). American University of Sharjah.
- Development of Master Program in Highway Engineering and Materials Science, University of Jordan, University of Sydney, Qatar University.
- Development of undergraduate program Curriculum in Civil Engineering, University of Jordan, Qatar University, American University of Sharjah.
- Coordinator of Engineering Laboratory Preparation, American University of Sharjah.
- Interviewing and recruiting faculty and staff members and professional engineers, American University of Sharjah.
- Participation in more than twenty national and international conferences, seminars, courses and workshops.
- Participation in the preparation of a number of technical papers.

10. CURRENT RESPONSIBILITY

Last three years I am in charge of **Training & Administrative and Financial** duties related to worldwide Medical , Educational and Industrial projects which include the following:

- Prepare the Heads of Agreement and update **the program of funding projects requirements.**
- Evaluate the **economical benefit / disbenefit** of a series project priority measures.
- Development of **projects demand models for economical analysis.**
- Development of efficiency and **effective measures**; forms of data collection; planning fixed schedules; and general data analysis.
- Development data base for **VALUE ENGINEERING ESTIMATION** and analysis, to ensure construction costs to remain as planned.
- Evaluate the **efficiency measures of projects delay** on fully implementation schedule.
- Manage, coordinate and control the entire projects in terms of **construction, quality , cost and schedule.**
- Coordinate with the consultants engineer on the progress of the works including submittals, variations and claims.
- Utilizing project **management software's** such as Primavera and Microsoft Project.
- Preparation of **ISO-9000 quality Plans**, Method Statements and Procedures and their implementation on site.

11. COMMITTEE MEMBERSHIP

- Member of the board of Foundation Essprit – ICARUS, Portugal, 1999-Date.
- Member of the Dean's Council. AUS, 1997-1998.
- Member of the University Executive Consultative Committee, AUS, 1997-1999.
- Member of the Students Scholarship Executive Committee, AUS, 1997-1999.
- Secretary of the First International Workshop on Road Safety and Traffic Law Enforcement, Qatar University, Qatar, 1996.
- Member of the Traffic Planning Team. Traffic police Department. Qatar, 1995-1996.
- Member of the International Advisory Committee. 14th World Congress for Accident and Traffic Medicine, Singapore, 1995.
- Secretary of Civil Engineering Department Council. University of Jordan, 1990-1992 and 1994-1995.

- Member of Leeds University Foundation. Alumni Relations and Acting as a Contract Prospective Students in Jordan, 1994-1995.
- Member of the International Advisory Committee. 13th World Congress for Accident and Traffic Medicine, Barazil, 1994.
- Coordinator of Nottingham Trent University / University of Jordan for British Council Academic Funded. 1993.
- Member of the Organizing Committee for the Jordanian Conference in Civil Engineering Department, University of Jordan, 1993.
- Member of Islamic Studies and Research Association, Jordan, 1992.
- Member of the Jordanian Concrete Association, Jordan 1992.
- Member of the Jordan Roads Society, Jordan, 1992.
- Member of the Jordanian Engineering Association, Jordan, 1992.

12. AWARDS, SCHOLARSHIPS & SPONSORS

1. Honorary Research fellowship, Leeds University. British Council, Jordan, 1990.
2. Award from British Council. Course Organized by PTRC, London, 1992.
3. Sponsoring from World health Organization (WHO). Participation in the 12th World Congress of the International Association for Accident and Traffic Medicine, Finland, 1992.
4. Award from Overseas Development Administration (ODA), India, 1992.
5. Sponsorship from British Council. Coordinator Funded Link between Nottingham Trent University and University of Jordan. 1993.
6. Sponsoring from Jordan Roads Society to participate in the International Road Federation Conference . Calgary, Canada, 1994.
7. Sponsoring from Qatar University to participate in the Third International Conference of traffic Management System. Australia, 1996
8. Sponsoring from American University of Sharjah to represent the university in the Symposium Conference (IWTS). Malaysia, 1997.
9. Sponsoring from American University of Sharjah to participate in the 5th World Conference of Highway Engineering Technology. Korea, 1998.
10. Award, **Teacher of the Year**, American University of Sharjah, 1997, 1999.

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13. BUSINESS AND MANAGEMENT - Articles / Professional Lecturing

- Implementation strategy of Urban Planning Engineering.
- Small Business between declining and promising growth.
- Can the University lecturer be a good Trainer ?
- Who pays for Training ?
- Urban planning and Technology.
- Urban Planning and Management.
- Urban planning Project Management using Microsoft Project-MSP4.
- Member Certification Framework.
- Effective strategic for International Conferences.
- Protocols Strategy and Urban planning logistics.
- Privatization and Value Engineering.

14. COMPUTER EXPERIENCE

HARDWARE (OPERATING SYSTEM):

- Unix Workstations, VAX, and IBM (VMS) main frames.

SOFTWARE:

- Urban Transportation – related software: HCM-85, HCS, HCM/CINEMA, EZPSIT, PASSERII, MAXBAND, QRS-II, UTDPDAYS, COGO, TRARR, GSRE, BCS,SATURN, RANZIT, PANVECHEK, NULOAD and GIS.
- Programming language: APL and Fortran.
- General: SAS, Spas, Lotus 123, Power Point, Latex, Smart, Excel, Dbase, AutoCAD, Microsoft Windows, and Harvard Graphics.
- Management: Primavera and Microsoft Project.

15. HOBBY & INTEREST

- Community Services.
- Running Marathons and Half Marathons for many years. My best time is 02H: 55M.