

Curriculum Vitae



Name : Dr. Sultan Abderrahman Thiab Tarawneh
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Title: Associate Professor in Civil Engineering/ Construction Engineering Management

Date of Birth : December, 21, 1963. Huseinyeh - Karak

Nationality: Jordanian

Material Status : Married

Degrees:

Ph.D. Civil Engineering / Construction Engineering Management from Leeds University, UK. 31 /9 /1999

MSc. Engineering Civil Engineering / Construction Engineering Management, from Sheffield University, UK. 17 /10/ 1995.

BSc. Building and Civil Engineering, from Yarmouk University, Jordan 31/ 8/ 1986.

Languages : Arabic (Native)
English (Excellent)

Current and Previous Positions:

1. **Project Co-ordination and Engineering Manager**, Al Habtoor Engineering Enterprises, UAE, from 2/3/2008 to present.

Project Description: The Project Name is **Abu Dhabi JW Marriott Hotel, Resort & Spa** and it is consist of 10 buildings, 88 luxury chalets 5 of them VIP chalets located in the water, Venetian Village which includes 33 apartments, SPA buildings, the lagoon passing through the project is connected directly to the main canal in additional house refueling station for the boats running through the project as per the following factsheet:

Client: Abu Dhabi National Hotels (ADNH)

Main Contractor: Al Habtoor Engineering Enterprises

Consultant: Otak International

Project Manager: MACE International

Project Value: Estimated to go up to AED 1.7 Billion

Built up Area: 177791 Square Meters

Man-Hours without Loss: 2200000

Location: Opposite the Sheikh Zayed Grand Mosque, Abu Dhabi, UAE

Designation: Project Co-ordination and Engineering Manager

2. **Director** of the Engineering Office ⁽¹⁾ and Head of Department of Civil Engineering ⁽²⁾ / Tafila Technical University from 8/9/2007 to 1/3/2008 with the following responsibilities:

(1) Director of the Engineering Office with full responsibility of all the university projects' design and supervision such as: Head of the design team for the building of Faculty of Science with total built up area of 18 000 square meters with total value of JD 9.5 millions, Head of supervision team for the building of student affairs and others with total built up area of 12 000 square meters with total value of 6 millions.

(2) Head of Department of Civil Engineering with full responsibility of the department activities such as: Preparing the time table of the department courses, Chair all the meeting of the department board, Represent the department in the faculty board etc in addition of teaching and research responsibilities.

3. **Director** of the Utilities Unit / Mu'tah University from 6/2/ 2006 to 6 /5/2007 with full responsibility of the following departments:
 1. Department of Agricultural Services
 2. Department of Campus Security and Public Safety
 3. Department of Supply and Nutrition
 4. Department of Transportation and Mechanic
4. **Head**, Department of Civil Environmental Engineering / Mu'tah University from 1/9/2002 to 31/8/2003 with full responsibility of the department activities such as: Preparing the time table of the department courses, Chair all the meeting of the department board, Represent the department in the faculty board in addition to teaching and research responsibilities.
5. **Assistance** Professor. Department of Civil and Environmental Engineering at Mu'tah University from 17/10/1999 to 17/10/2004 with teaching and research responsibilities.
6. **Associate** Professor. Department of Civil and Environmental Engineering at Mu'tah University from 18 /10 / 2004 to present with teaching and research responsibilities.
7. Coordinator of the Master Programme in Engineering Management from 12 / 2/ 2005 to 31/8/2007.
8. **Project Supervisor** at several projects for the Jordanian Civil Defense from 1 / 1 /1987 to 28 / 12 / 1988 with full responsibility of supervising three projects for the Jordanian Civil Defense in Maa'n, Moa'b and Al Mazr with a total built up area of 1050 square meters and a total value of JD 450 000.
9. **Civil Engineer / Project Manager** and **Head of the Technical Team in the Jordanian Ministry of Municipalities/ Moa'b and Mu'tah Municipalities** from 1 / 1 /1989 to 11 / 7 / 1994 with full responsibility of the technical and planning activities of both Municipalities. In addition to that I have the responsibility of supervising:
 1. Moa'b Road & Streets: The project consist of cut and fill, putting base and sub base of 50 000 square meters with total value of JD 75 000.
 2. Moa'b Road: The project consist of flexible pavement (Asphalt) of 50 000 square meters with total value of JD 90 000.
 3. Mu'tah Roads & Streets: The project consist of cut and fill, putting base and sub base of 45 000 square meters with total value JD 70 000.
 4. Mu'tah Roads & Streets: The project consist of flexible pavement (Asphalt) of 45 000 square meters with total value of JD 80 000.

5. The offices and Shopping Center of Municipality of Mu'tah: The project consist of the employee offices of Mu'tah Municipality and Mu'tah Shopping Center with two floor building with a total built up area of 750 square meters with total value of JD 350 000.

Membership:

- 1- Jordan Trade-Union of Engineering from 21 /10 / 1986
- 2- Institute of Civil Engineering (U.K) / Student Membership from 1 /1 / 1996

Committees:

I held membership in a number of committees among them:

- 1- Faculty of Engineering Council / Tafila University from 9/ 9/ 2007 to 1 /3/ 2008
- 2- Tender Department Committee / Tafila University 9/ 9/ 2007 to 1 /3/ 2008
- 3- University Council / Mu'tah University from 31/8/2005 to 31/8/2006
- 4- Faculty of Engineering Council / Mu'tah University from 30/ 9/ 2000 to 30 /9/ 2004 and from 30/9/2005 to 30/9/2006
- 5- Student Disciplinary Council / Mu'tah University from 30/ 9/ 2000 to 30 / 9/ 2001
- 6- ABET Accreditation Committee for Civil and Environmental Engineering Depart.
- 7- Foundation Committee and Programme Co-coordinator for the Engineering Management Master Program at the Faculty of Engineering.
- 8- Foundation Committee of Mu'tah Centre for Water and Environmental Studies
- 9- Postgraduate Committee for the Engineering Management Master Program.
- 10- Postgraduate Committee for the Water and Environment Master Program.
- 11- Permanent Committee for the University Construction Projects; evaluation and monitoring.
- 12- Several Other Committees Concerning Employee's Department Members, Bid Evaluation, Dispute Resolution, and Conferences (More than 60 committees).

Skills:

- 1- ICDL, International Computer Driving License (Word, Excell, Powepoint, Access)
- 2- Statistic and Civil Engineering Management Software; SPSS; PRIMAVERA; and Microsoft Project
- 3- Basic Web Technology Skills for Courseware Development
4. Driving license

Conferences and Workshops Attended:

- 1- Seven Workshops on Environmental Impact Assessment (Conducting the EIA and Writing a Report) Certified from the Ministry of Environment during 2004.
- 2- The 3rd International Conference On Decision Making in Urban & Civil Engineering, 6th – 8th November 2002 SOAS – London.
- 3- Workshop on Basic Web Technology Skills for Courseware Development, University of Jordan, from 8 to 12, October 2000.
- 4- Construction Management Group Conference, 22, October 1997, University of Leeds, UK. On Marketing Design & Build Services for Client Satisfaction
- 5- The 2nd National Construction Marketing Conference, 3rd, July 1997, Center for Construction Marketing, Oxford Brooks University, UK.
- 6- Construction Management Group Conference, 9th, April 1997, University of Leeds, UK. on Public Relations & Marketing for Business Success In the Construction Industry.
- 7- The 1st National Construction Marketing Conference, 4th, July 1996, Center for Construction Marketing, Oxford Brooks University, UK.
- 8- Workshop on Town Planning, Mu'tah University from 14/ 10/ 1990 to 16/ 10/ 1990.
- 9- Workshop on Computer Applications in Engineering Work, Mu'tah University from 5/ 5/ 1990 to 19 / 6 / 1990.

Publication in Journals and Magazines

- 1- Tarawneh S.A. (2004). Evaluation of pre-qualification criteria: client perspective; Jordan case study. Journal of Applied Sciences, 4 (3), July – September 2004. pp 354-363.
- ٢- الطراونة ، سلطان عبد الرحمن (٢٠٠٤) ، "مقارنة أثر تطبيق الأيزو على الشركات الإنشائية الأردنية" . مجلة هندسة المنصورة ، مجلد رقم ٢٩ العدد ، رقم ١ .
- 3- Tarawneh S.A, Preece CN, and Alrawdan A. (2002). Service Quality for Client Satisfaction - Re-Orienting the Construction Team. Abhath Al -Yarmouk Basic Sciences and Engineering, Vol. 11, No. 2A, 2002.
- 4- Tarawneh S.A, Al-Rodan A., and Maaitah, O. (2003). Contractor's perspectives on pre-qualification: Meeting client expectations; Jordan case study. Mu'tah Lil-Buhuth wad-Dirasat, Vol. 18. No. 2, 2003. pp 49-64.
- 5- Maaitah O. and Tarawneh S.A. (2003). Effect of treated wastewater on the behavior of unsaturated soil. Pakistan Journal of Applied Sciences, 3(5), 2003. pp 360 – 369.

- 6- Al-Rodan A. and Tarawneh S.A. (2003). FE Analysis of the flexural behavior of rectangular tubular sections filled with high-strength concrete. *Emirates Journal for Engineering Research*, Vol. 8, No. 1, 2003. pp 71 – 77.
- 7- Mahadin S.A, Maaitah O.N, and Tarawneh S.A. (2002) The Impacts of Customer Changes on Traffic Accidents in Jordan. *Mansoura Engineering Journal (MEJ)*, Faculty of Engineering, Mansoura University. Vol. 27, No. 4, December 2002.

Publication in Conferences

- 1- Tarawneh SA, Preece CN, and Maaitah O (2002). Research into Marketing Service Quality Decision Making in Jordanian Construction Organizations. Proceedings of the 3rd International Conference, 6th – 8th November 2002 SOAS – London.
- 2- Preece CN and Tarawneh SA and Moodley K (1997). Modeling Design and Build Service Quality. International Conference on Leadership & Total Quality Management In Construction & Building. Institution of Engineers, Singapore. 6-8 October 1997 Singapore.
- 3- Preece CN and Tarawneh SA (1997). Service Quality for Client Satisfaction on Design and Build Projects: Association of Researchers in Construction Management (ARCOM) 13th Annual Conference Proceedings, Kings College, Cambridge, 15-17 September 1997.
- 4- Preece CN and Tarawneh SA (1997). Developing High Quality Design and Build Services: Closing the Four Managerial Gaps. The 2nd National Construction Marketing Conference, Oxford Brooks University, 3rd, July 1997.
- 5- Preece CN and Tarawneh SA (1996). Re-Orienting the Construction Team to Achieve Service Quality for Clients Satisfaction. The 1st National Construction Marketing Conference, Oxford Brooks University, Thursday 4 July 1996.

Courses Taught:

Course Title	Course No.	Times
Engineering Mechanics 1	0403208	4
(Engineering Mechanics) Static	0403200	5
Vector Mechanics For Engineering – Static / at Abu Dhabi University as a Part Time Instructor	CIV214	1
Introduction to Civil Engineering / at Abu Dhabi University as a Part Time Instructor	CIV200	1
Strength of Material Lab.	0403207	3
Special Topics in Construction Management	0403527	2
Specification and Quantity Surveying	0403421	12
Surveying 1	0403271	5
Surveying Lab. 1	0403272	5
Surveying 2	0403273	3
Surveying Lab. 2	0403274	3
Computer Skills I	0304100	3
Engineering Mathematics for (2+2) Program *	2 + 2	1
Civil Engineering Drawing	0403203	6
Construction Engineering Management	0403523	5
Engineering Economy	0403302	6
Pavement Design and Highway Planning		1
Construction Material and Properties of Concrete		1
Construction Material and Properties of Concrete Lab		1
Law and Engineering / Master degree	0406643	4
Selected Research Topics / Master degree	0406638	4
Project Scheduling and Planning / Master degree	0406623	3
Advanced Engineering Economy / Master degree	0406620	3

* A 4 years program based on 2 years at Mu'tah University and another 2 years at a chosen UK University.

Training Workshops:

Underlined text: I held several Training Workshops including the following:

- 1- Training workshops in Project Planning and Scheduling, Land and Building Surveying and Quantity Surveying for the Municipalities employees in the Southern part of Jordan; for **more than Eleven Workshops**.
- 2- Project Scheduling and Planning using specialized computer software; PRIMAVERA and MICROSOFT PROJECT software, for **more than Twelve Workshops**.
- 3- A training workshop in **Effluent Reuse** for the water authorities' employees in the south region of Jordan. This training workshop presentation was given via **Consolidated Consultants** over a period of **Two Months** in Mu'tah University.
- 4- A number of workshops at **Sultanate Oman** as follows:
 1. Maintenance management using computer PRIMAVERA software.
 2. Technical report writing using computer
 3. Advanced Scheduling and Maintenance Management using computer PRIMAVERA software.
- 5- A workshop at **Kuwait** as follows:
 1. Advance Project Feasibility Study
- 6- A workshop at **UAE – Abu Dhabi** as follows
 1. Reasons and Resolutions of Cracks in Reinforced Concrete Buildings

Postgraduate Supervision

1. I supervised **Four** students on their master thesis in Engineering Management at different area of research.
2. I participated as an Examiner in the viva of **Six** students on their master thesis.