

C.V. for Assoc. Prof. Maher Mustafa



1. Personal Information:

1. Name: Maher Mustafa
2. Date and Place of Birth: Almashta 10.05.1967
3. Nationality: Syrian
4. Marital Status: Married
5. Military Service: Serviced, 1991-1993.
6. Home Address: AL Hakeem Street- Masaken Barzah –
Damascus- Syria.
7. Work Address: Construction Engineering and Management
Department, Faculty of Civil Engineering,
Damascus University, Damascus, Syria.
(E-mail: mustafa_maher@hotmail.com)

2- Qualification:

- 2-1 Ph.D. Civil Engineering (Construction Management), 2003, Faculty of Engineering, Cairo University, Egypt.
- 2-2 M.Sc. Civil Engineering (Construction Management), 2000, Faculty of Engineering, Cairo University, Egypt.
- 2-3 Post Graduate Diploma, Construction Management, 1997, Faculty of Civil Engineering, 1990 Damascus university, Syria.
- 2-4 B.Sc. 1990, Faculty of Civil Engineering, Damascus University, Syria.

3- Academic and Management Career:

- 3-1 Head of Civil Engineering Department, 2016 – 2017.

3-2 Head of Engineering Management, and Construction Technology Section, 2013 – 2015.

3-3 Associate Professor, 25/3/2012 – Now, Construction Engineering and Management Department, Faculty of Civil Engineering, Damascus University, Damascus, Syria.

3-4 Assistant Professor, 2003 -25/3/2012, Construction Engineering and Management Department, Faculty of Civil Engineering, Damascus University, Damascus, Syria.

3-5 Post graduate Student 1997 – 2003 Faculty of Engineering, Cairo University, Egypt.

3-6 Teacher Assistant (Demonstrator) 1995-1997, Construction Engineering and Management Department, Faculty of Civil Engineering, Damascus University, Damascus, Syria.

4-Academic Duty:

Teaching the following courses:

4.1. Undergraduate Studies:

- ✓ Construction Project Management 1996-1997. Faculty of Civil Engineering, Damascus University.
- ✓ Construction Project Management, 2003-2007, “Structure specialization”. Faculty of Civil Engineering, Damascus University.
- ✓ Construction Project Management, 2004-2009, “Construction management specialization”. Faculty of Civil Engineering, Damascus University.
- ✓ Construction Project Management, 2006-2015, “Irrigation and Drainage specialization”. Faculty of Civil Engineering, Damascus University.
- ✓ Construction Project Management, 2009-2016, “Civil”. Faculty of Civil Engineering, Damascus University.

- ✓ Operation Research 2009-2010. Faculty of Civil Engineering, Damascus University.
- ✓ System Analysis, 2009-2012. “Irrigation and Drainage”, Faculty of Civil Engineering, Damascus University.
- ✓ Construction Project Management 2010-2011. 2013- 2014, until 2016, Faculty of Civil Engineering, Yarmouk Private University.
- ✓ Management and Pharmaceutical Marketing 2012-2013. AIU.
- ✓ Resource Management 2013- 2014, until 2016, Faculty of Civil Engineering, Yarmouk Private University.
- ✓ Construction Technology 2014- 2015, until 2016, Faculty of Civil Engineering, Yarmouk Private University.
- ✓ Construction Management 2016- 2017, Faculty of Engineering, Aljazeera Private University.
- ✓ Engineering Economy 2016- 2017, Faculty of Engineering, Aljazeera Private University.
- ✓ Contracts, Specification, and Quantity Surveying 2016- 2017, Faculty of Engineering, Aljazeera Private University

4.2. Postgraduate Studies:

- ✓ Operation Research (Specialization of Construction Management) 2003-2004 till now.
- ✓ Operation Research (Specialization of Water Engineering) 2007-2009.
- ✓ Project Management 2004-2008, Management of Industrial Systems.
- ✓ Business Management and Engineering Projects (Specialization of Construction Management) 2012-2013 till now.
- ✓ Construction Management, (Specialization of IT) 2014-2015 till now.

- ✓ Facility Management Professional Master, 2014-2015,
Professional Master, (Specialization of Structure Engineering)

5- Professional Career/ Experience:

5-1 Supervision Engineer On civil works in General Company for Food Industry, 1990-1991.

5-2 Supervision Engineer On civil works in General Company for Conservation Industry, 1993-1994.

5-3 Supervision Engineer On civil works in General Company for Steel Industry, 1994-1995.

5-4 Supervision Engineer On civil works in project of expanding of Literature Faculty, Damascus University, 2004-now.

5-5 Planning and controlling project of Telal AL-Yasameen using Primavera program, 2008-2009.

6- Research Supervision:

6-1. Master Degree (M.Sc.):

1. Developing a statistical System to Achieve Optimal Using of Construction Equipments, 2007.
2. Conceptual Cost Estimating of Sanitary Projects based on Neural Networks, 2009.
3. Developing a Statistical Model for Conceptual Cost Estimating of Educational Buildings projects, 2010.
4. Estimating of Cost Contingency using Belief Network, 2011.
5. Developing a Framework Contractual for Reconstruction projects in Syria. Under progress.
6. Cuses and Effects of Chang Order in construction projects in Syria. 2015
7. Managing Disputes in construction projects in Syria. 2014

8. Developing a Mathematical Model to optimal investment of Labor. 2014
9. Risk Management for Construction Projects, Client's Perspective. 2014.
10. Using Multi Criteria Decision to Select Subcontractor. 2014.
11. Development of a model to predict the delay of road projects in Syria using belief networks. Under progress
12. Improving Productivity in Construction Projects in Syria Using Lean Construction. Under progress
13. Developing a Framework to Fund Reconstruction Projects in Syria. Under progress
14. Developing a Mathematical Model for distributing the budget on road maintenance in Syria. Under progress
15. Developing a Methodology for bid pricing in Syrian construction industry. Under progress
16. Development of a Model for Estimating the maintenance Budget in Educational Facilities. Under progress
15. Developing a Methodology for bid pricing in Syrian construction industry. Under progress

6-2. Doctorate Degree (Ph.D.):

- 1- New formulation of contracts systems for public construction works in Syria. Under progress.
- 2- Development of a System for a Conceptual Cost Estimation of Residential Building Projects. Under progress.

7- Conference:

1. The Eighth Arab Structural Engineering Conference, 21-23 October 2000, Cairo, Egypt.

2. Contributing in Tempus Program to found Center for Searching and Training of Construction and Environment in Faculty of Civil Engineering, Damascus, 2014.
3. Workshop to Reconstruction in Syria, Faculty of Civil Engineering, Damascus, 2014.
4. Training Course of Statistical Analysis and Applications of SPSS, AMOS in Measuring and Evaluation, June, 2015.

8- Publications:

- 8-1. "Towards Minimizing Waste in Reinforcing Steel Bars", The Eighth Arab Structural Engineering Conference, 21-23 October 2000, Cairo, Egypt.
- 8-2. "Expert System for Asphalt Paving Equipment Selection", Civil Engineering Research Magazine "CERM", Civil Engineering Department, Faculty of Engineering, Al-Azhar university, Nasr City, Cairo, Egypt. Volume (24) No. (2) P. 633-647, April 2002.
- 8-3. "Simulating Asphalt Paving Operations", the Ninth Arab Structural Engineering Conference, 21-23 2003, Dubai, Arab States Union.
- 8-4. "A New Method to Solve Transportation Problem", Research Journal of Aleppo University, 8/10/2006.
- 8-5. "Developing a statistical System to Achieve Optimal Using of Construction Equipments", Magazine of Teshreen University for scientific research and studies, Teshreen University, 2006.
- 8-6. "A proposed Technique to Solve Claims Resulting from Variation of Reinforced Steel" Magazine of Teshreen University for scientific research and studies, Teshreen University, 10/2/2008.
- 8-7. "Causes and effects of Delays in Syria Construction Projects", Research Journal of Aleppo University, 21/07/2010.

8-8. “Building A Fuzzy Reasoning Model to Estimate Effect of Change Order On Syrian Construction Projects”, Journal of Damascus University of Engineering Scientifics, 2015.

8-9. “Studying Causes of Change Order and Manner of Averting Negative Effects on Construction Projects”, Journal of Teshreen University for scientific research and studies, Teshreen University, 2015.

9- Language:

English: good in Writing and reading.

10- Computer:

Microsoft Office, Primavera, Ms Project, Visual Basic, FORTRAN, SPSS, AMOS, and Database.