

CURRICULUM VITAE

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Date of Birth: 1951.

Current Title: Professor of Civil Engineering/ Construction Engineering and Management.

Education

- Ph.D.** in Civil Engineering (Construction Engineering & Management). The University of Michigan, Ann Arbor, USA, 1985.
- M.Sc.** Construction Engineering and Management, The University of Michigan, Ann Arbor, USA, Dec. 1981.
- B.Sc.** Diploma of Civil Engineering, Moscow, USSR, June 1975.

Managerial Experience

- 2013 – 2014 Dean Faculty of Engineering, Middle East University.
- 2011-2013 Member of Research Board, The University of Jordan
- 2012 – Sept. 2013 Head of Central Tendering Committee in The University of Jordan
- 2009 – 2013 A member in the Board of Trustees of the Middle East University.
- 2007 - 2009 Vice president of The Hashemite University for administrative affairs. Among the responsibilities were the chairing of both the Central Tendering Committee and the Committee for Employees Affairs.
- 2005 - 2007 Dean Faculty of Engineering, The Hashemite University. During this period I founded two departments, architecture and computer engineering
- 2003 – 2005 Vice dean of Faculty of Engineering & Technology, University of Jordan.
- 1998 - 1999 Chairman of Civil Department, University of Jordan.
- 1976 - 1978 Consultant Engineer, Sigma Consulting Engineering, Amman, Jordan.
- 1975 - 1978 Ministry of Public Works, Laboratory of Construction Materials, Amman, Jordan.

Academic Experience:

- November 2009 - 2014: Member of trustees board of the Middle East University.
- 1985 - up to now Faculty member of Civil Engineering Department, The University of Jordan.
- 2005 – 2009, The Hashemite University.
- 1999 - 2000 Al-Balqa Applied University, Amman College of Technology as a visiting faculty member during a sabbatical leave.
- 1996-1997 Mu'ta University as a visiting faculty member during a sabbatical leave.
- 1978-1980 Teaching & Research Assistant, Civil Engineering Department, The University of Jordan.
- A member of several supervisory committees on M.Sc. thesis at the University.

Publications

1. Alaa Khraisat, Rteb Sweis, Rawan Saleh, Taghrid Suifan, **Mohammed Hiyassat**, Adel Sarea, The assessment of service quality in private hospitals in Amman area using gap approach, accepted for publications in *International Journal of Productivity and Quality Management*.
2. Ruba Abuhussein, Afnan Alawneh, Mutaz Al-Debei, **Mohammed Hiyassat**, Rateb Sweis, Project Management Factors Affecting the Enterprise Resource Planning Projects' Performance in Jordan, accepted for publication in *Journal of Systems and Information Technology*.
3. Ghalib Sweis, **Mohammed Hiyassat**, Faris Hroub, Assessing Lean Conformance by Contractors in The Jordanian Construction Industry, Accepted for publications in *Construction Innovation: Information, Process, Management*.
4. **Mohammed Hiyassat**, Montaser Hiyari, and Ghaleb Sweis, 2016, Factors Affecting Construction Labor Productivity: A Case Study of Jordan, *IJCM*, DOI: 10.1080/15623599.2016.1142266
5. Ghaleb Sweis, Rateb Sweis, Ruba AbuHussein, **Mohammed Hiyassat**, and Taghrid Suifan "Priority Setting for Healthcare Facilities Maintenance" *Life Science Journal*, 2014;11(2s) .
6. **Mohammed Hiyassat** and A. Assaad, "Lightweight Concrete Using Perlite and Pumice" accepted for publication in *Zaytoonah University International Engineering Conference on Design and Innovation in Infrastructure 2012*.
7. Malek Abu Ruman, **Mohammed Hiyassat**, Bashar Al-Smadi, Ahmad Al-Janrah, and Maha Alqam, " A surface water management model for integrated Southern Ghor Project, Jordan" *Construction Innovation*, Vol 9, Number 3, 2009

8. **Mohammed A. Salem Hiyassat**, “Determining the Interest and Capital Portions in the Uniform Cash Flow Series”, *Dirasat, Engineering Sciences*, Volume 30, No. 2, 2003. The University of Jordan.
9. **Mohammed A. Salem Hiyassat** “Modification of minimum moment approach in resource leveling”, *Journal of Construction Engineering and Management*, American Society of Civil Engineers Vol. 126 No. 4, August 2000.
10. **Hiyassat, M. A. S.**, “Construction bid price evaluation” *Canadian Journal of Civil Engineering*, Vol. 28, 2001.
11. **Hiyassat, M. A. S.**, “A study on construction labor force in Jordan”, *Dirasat, Natural and Engineering Sciences*. The University of Jordan, Vol. 25 No. 2. 1998.
12. **Hiyassat, M. A. S.**, “Applying the ISO standards to a construction company: A case study”. *International Journal of Project Management*, Elsevier Science Ltd and IPMA, Vol. 18, No. 4, 2000
13. **Hiyassat, M. A. S.**, “Applying modified minimum moment method to multiple resource leveling”, *Journal of Construction Engineering and Management*, American Society of Civil Engineers, Vol. 127, No. 3, 2001
14. **Hiyassat, M. A. S.**, and Rawajfeh, K., “Alternative models for finding cumulative paid capital and remaining balance for a uniform series of cash flows”, *The Engineering Economist*, American Society for Engineering Education and Institute of Industrial Engineers, Vol.46. No.3, 2001.
15. **Hiyassat, M. A. S.**, and Talhoni, B., T., “Construction safety in developing countries: a case study of Jordan”. *Abhath Al-Yarmouk, Basic Sciences and Engineering Series*, Yarmouk University, Vol. 9, No. 2, 2000, pp 133 - 147.
16. **Hiyassat, M. A. S.**, “Modifying Pack Method” A report submitted to the University of Jordan, September, 2000.
17. **Hiyassat, M. A. S.**, “A Study on construction labor force in Jordan”, a report submitted to the University of Jordan, Sept. 1996.
18. **Hiyassat, M.A. S.**, A training course manual in project management for the Ministry of Water and Irrigation in Jordan. 1996.
19. **Hiyassat, Mohammed A.** “Problems of Jordanian contractors” *Mu'tah Journal For Research and Studies, Natural & Applied Science*, Vol. 6, No. 1, 1991.
20. **Hiyassat, Mohammed A.**, “The effect of the classification of a Jordan contractor on his problems” *Al-Azhar Engineering Second International Conference*, University of Al-Azhar, Cairo, Egypt, Dec., 1991.
21. **Hiyassat, Mohammed A.** and Assad, A.H., “ Evaluation of the Jordanian experience in management of urban road maintenance” “*Dirasat for Engineering And Technology Journal*, University of Jordan, Vol.19B, No.4, 1992.
22. Qattamine, N. and **Hiyassat, Mohammed A.** “A critical view of traffic safety and management in a developing country; a case study of Jordan” *International Conference on Strategic Highway Research program and Traffic Safety on Two Continents*, Transportation

and Research Council “TRB” and Swedish Road and Traffic Research Institute, “VTI”, Sept., 1991.

23. Tantawi, H. and **Hiyassat, Mohammed A.** “Evaluation of consolidated concrete and its acceptance criteria” Mu’tah Journal for Research Studies, Vol. 8, Dec., 1993, University of Mu’tah.
24. **Hiyassat, Mohammed A.** and Tantawi, H “Analysis of construction industry in Jordan 1980 - 1990” Al-Balka Journal of Research and Studies, Amman University, Vol. 2, No 2., 1994.

Experience with Ministry of Higher Education and Research

- Two year membership of “Committee for Legalizing Foreign Engineering Certificates” لجنة "معادلة الشهادات الهندسية."

Member of many accreditation committees to several universities

Awards

- A prize winner of “Excellence in Safety and Occupational Health for the year 2001” granted by the General Social Security Establishment of Jordan for the paper “Construction Safety Management in Developing Countries: A Case Study of Jordan”.

Courses Taught:

- Construction Management,
- Construction Scheduling & Management
- Construction Methods & Equipment,
- Project management,
- Specifications & Contracting,
- Engineering Economy,
- Advanced Engineering Economy (Ms.C level),
- Highway Economics (MSc level).
- Engineering Systems (MSc level),
- Theory of Structures 1.
- Building Materials.
- Building Materials Lab.

Training Courses

- A main lecturer in many training courses, both inside and outside the University of Jordan. The major topics were: project feasibility studies and financial evaluation, construction management, tender evaluation, construction project planning, and project scheduling.
- Prepared course material in *Project Management* (in English) for Water Authority engineers.

Prepared the course material in *Project Management* (in English) as distance learning course for the University of Jordan.

General

- Two year membership of “committee to equate foreign university certificates”, The Ministry of Higher Education, Amman, Jordan.
- Attending several conferences, workshops, symposiums related to civil engineering in general, and to construction industry in particular.
- A member of committee in preparing course outline for community colleges in Jordan
- A member of several different committees in the University of Jordan.
- A member of a higher committee to manage the construction of the Faculty of Education 1992 - 1995.
- A member of a team to evaluate the feasibility study of constructing a stadium on behalf of the University of Jordan.