

CURRICULUM VITAE

July 12, 2009

PERSONAL DETAILS

NAME: *ABDULLAH MOHAMMED ALSUGAIR*
HIGHEST DEGREE: *Ph.D.*
YEAR AWARDED: *1992*
ACADEMIC RANK:
Title: *Associate Professor*
Department: *Civil Engineering Department*
College: *College of Engineering, King Saud University*

BUSINESS ADDRESS:

*Civil Engineering Department
College of Engineering, King Saud University.
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EDUCATIONAL BACKGROUND:

<u>DATES</u>	<u>DEGREE</u>	<u>INSTITUTION</u>
<i>1979–1984</i>	<i>B.Sc. in Civil Engineering</i>	<i>King Saud University</i>
<i>1986-1988</i>	<i>M.Sc. in Civil Engineering</i>	<i>Univ. of Colorado at Boulder, CO, U.S.A.</i>
<i>1988-1992</i>	<i>Ph.D. in Civil Engineering.</i>	<i>Texas A&M University, College Station, Texas, U.S.A.</i>

SPECIALIZATION:

- a) Major Area(s) of Specialization: *Civil Engineering*
b) Minor Area(s) of Specialization: *Construction Engineering & Management*

PROFESSIONAL EXPERIENCE:

A. Administrational Activities

- Assistant to Vice President for Projects for Project Affairs- Vice Presidency for Projects, King Saud University (1-3-2009- 5-12-2009).
- Manager of General Administration for Supervision and Execution-Vice Presidency for Projects, King Saud University (29 / 8 / 2006 - 5-12-2009).
- Chairman of Civil Engineering Department, College of Engineering, King Saud University (21 / 5 / 2003- 8 / 11 / 2006)
- Director of Co-op Training Program Administration in college of engineering, College of Engineering, King Saud University (9, 2001 – 2, 2003).

B. Employment History:

<u>DATES</u>	<u>INSTITUTION</u>	<u>POSITION</u>
19/ 6/ 2002-Present	King Saud University	Associate Professor
26/4/1992-19/6/2002	King Saud University	Assistant Professor
8/7/1984-26/4/1992	King Saud University	Teaching Assistant

C. Practical Experience

- Part time consultant with Zohair Fayez Consultancy Office (31/5/2006-1/3/2008).
- Part time consultant with **ELSEIF ENGINEERING CONTRACTING EST.** from 12, 1997 to 11, 1999.
- Member of the Contractors' Committee in the Chamber of Commerce and Industry in Riyadh, Saudi Arabia (2001-2004).
- Chairman of Research and Development Committee (sub-committee from contractors' committee- Chamber of Commerce and Industry in Riyadh) (2001-2004).

D. International Committees

- Referee for the papers submitted to the American Society of Civil Engineers- Journal of Construction Engineering and Management (2, 2002 – 2, 2004).
- Member of the Editorial board for the **Eighth International Conference on Civil and Structural Engineering Computing**, Vienna, Austria, 19-21 September 2001.

E. Funded Research:

1. "Proposed Construction Contract Provisions for Developing National Construction Industry" **Co-Investigator**, Funded by King Abdulaziz City for Science and Technology (KACST), Jan. 2006 to July 2008, (SR 501,000).
2. An Artificial Neural Network Approach to Pavement Maintenance Decision Support System, **Principal Investigator**, Completed in 1996, Funded by Research Center, College of Engrg, King Saud University, Grant # 1/1414 on 28/ 6 / 1993.
3. Translating to Arabic language the book titled CONSTRUCTION METHODS and MANAGEMENT, by S.W, Nunnally, Fourth Edition, 1998, Prentice Hall, **Principal Investigator** (single investigator), Completed in 1999, Funded by Research Center, College of Engrg, King Saud University, Grant # 12/1418 on 16 / 2 / 1998.
4. Studying the Effectiveness of Contractor Classification in Reflecting the Actual Capabilities of Construction Contractors in Executing Public Projects in Saudi Arabia, **Principal Investigator**, Completed in 2001, Funded by Research Center, College of Engrg, King Saud University, Grant # 22/420 on 10 / 11 / 1999.

G. Membership of Scientific Associations:

- Member in American Society of Civil Engineers (ASCE).
- Saudi Council of Engineering
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COURSES TAUGHT

1. Undergraduate

CE 411 Construction Contracts
CE 412 Cost Estimation & Control
CE 417 Construction Equipment & Methods
GE 402 Management of Engineering Projects
GE 401 Engineering Economy
GE 301 Engineering Administration

2. Graduate

CE 511 Construction Planning and Control
CE 513 Construction Engineering
CE 572 Computer Applications in Civil Engineering

MASTER OF SCINCE THESES SUPERVISION

MS THESES Supervised.

- 1- *AbuAthneen, Mansour M. (2001) "Evaluating and Improving the Construction Contract Award Methods for Public Sector in Saudi Arabia", MS Theses, CE Dept., King Saud University (advisor).*
- 2- *Almasry, Saed H., (1999), " An Expert System for Cost Assessment of Building's Repair and Renovation", MS Theses, CE Dept., King Saud University (advisor)..*
- 3- *Al_Qudrah, Ali A., (1997), "A Decision Support System for Budgeting of Pavement Maintenance Using Artificial Neural Network", MS Theses, CE Dept., King Saud University (advisor).*
- 4- *Al-Khathlan, Yousef Z., (2006) "A Pre-Qualification Model For Engineering Consultants in Governmental Projects.", MS Theses, CE Dept., King Saud University,(co-advisor).*
- 5- *Aljarallah, Naser, M., (2003) " Determination of Building Cost Indexes in the Kingdom of Saudi Arabia", MS Theses, CE Dept., King Saud University,(co-advisor)..*

MS THESES Referred.

1. *Al-Ghamdi, Mohammed Abdullah (2009) " Causes, Impact and Control of Change Orders in Saudi Linear Construction Projects" MS Theses, CE Dept., King Saud University, June 2009.*
2. *Al-Arwan, Abdulrhman Ibraheem (2008) "Dealing with Compensating contractors for due to Inflation in Construction Projects" MS Theses, CE Dept., King Saud University, April,2008.*

3. *Murshad, Abdullah Ibraheem(2005) "A Model for Assessment the Public-Private Partnership (PPP) Approach in Contracts of Electrical Power Projects in Saudi Arabia" MS Theses, CE Dept., King Saud University, June 2005.*
4. *Ahmed S. Al-Ghirbal (2005) " Prediction of Severe Traffic Accident Rates at Roundabouts Using Artificial Neural Networks" MS Theses, CE Dept., King Saud University, June 2005.*
5. *Al-Ageely, Khalid A. (2004), "Evaluation of Build Operate Transfer (BOT) Tenders for Government Projects", MS Theses, CE Dept., King Saud University.*
6. *Al-Yami, Ali A. (2003), "A Framework for Evaluation of the Performance of Supervision in Building Construction Projects in Saudi Arabia", MS Theses, CE Dept., King Saud University.*
7. *AlRasheed, Abdulaziz K. (2002), Specifying Responsibilities of Owners and Contractors in Different Site Conditions in Public Projects of Saudi Arabia", MS Theses, CE Dept., King Saud University.*
8. *Alotaiby, Abdullah A., (2001), " Predicting Compressive Strength of Ready Mixed Concrete in Riyadh Using Artificial Neural Networks", MS Theses, CE Dept., King Saud University.*
9. *Alsuliman, Saleh A., (1996), " Analyses of the effectiveness of Preventive Maintenance for the pavement of Riyadh's Road Network", MS Theses, CE Dept., King Saud University*

ADMINISTRATIVE ACTIVITIES

<u>POSITION</u>	<u>COMMITTEE</u>
<i>Chairman</i>	<i>Nominating distinguished staff at Vice Presidency for Projects for the Award of University president to Study Master and Bachelor Degrees and Award of Dean of Employees and Faculty Members to attend training session/short courses abroad (3/ 12/ 2007- present)</i>
<i>Chairman</i>	<i>Council of Civil Engineering Department 21 / 5 / 2003- 8 / 11/ 2006.</i>
<i>Member</i>	<i>Council of College of Engineering 21 / 5 / 2003- 8 / 11/ 2006.</i>
<i>Chairman</i>	<i>Civil Engrg. Dept. Academic Accreditation Committee (2004 - 8 / 11/ 2006)</i>
<i>Director</i>	<i>Co-op Training Program Administration in College of Engrg.(9,2001 – 2, 2003).</i>
<i>Member</i>	<i>Council of Civil Engineering Department 26/4/1992- present</i>
<i>Member</i>	<i>Committee for Master Program Evaluation in the Civil Engineering Dept. Assignment by the Dean of College of Graduate Studies, King Saud Univ.1996</i>
<i>Convener</i>	<i>Academic committee in Civil Engineering Dept.1999- 2001</i>
<i>Member</i>	<i>Purchasing committee in Civil Engineering Dept. 2001-2003</i>
<i>Member</i>	<i>Academic committee in Civil Engineering Dept.1995-1998</i>
<i>Vice Chairman</i>	<i>Examination committee in College of Engineering1994-1996</i>
<i>Member</i>	<i>Examination committee in College of Engineering1993-1994</i>
<i>Convener</i>	<i>Services committee in CE Dept.1993-1994</i>
<i>Member</i>	<i>Students affairs committee in CE Dept.1993-1994</i>
<i>Member</i>	<i>Supervising</i>

AWARDS

- Award of the Ambassador of Saudi Arabia in the United States HRH Prince Bandar Bin Sultan for Academic Achievement 1992.*
- Scholarship from King Saud University to study Master and Ph.D.*

ACADEMIC ACTIVITIES:

- *Member of re-allocating committee for college of Engineering building among departments and college administration units (offices, classrooms, labs, and admin. Units), 14/12/ 2005.*
- *Referring a paper for a special issue of The International Journal of Advances in Engineering Software (March 18, 2008)*

PUBLICATIONS.

BOOKS

1. **Alsugair, Abdullah M.**,(2003) Construction Methods and Management, Press of King Saud University, King Saud University, Riyadh, Saudi Arabia, (In Arabic Language).

PAPERS

2. Al-Hammad, I, Adel El-Dasougky, **Abdullah M. Alsugair**, and Naif bin Homaid (2008) " Proposed Construction Contract Provisions for Developing National Construction Industry", Second technical report submitted to King Abdulaziz City for Science and Technology (KACST), Riyadh, Saudi Arabia, (In Arabic Language).
3. Al-Hammad, I, Adel El-Dasougky, **Abdullah M. Alsugair**, and Naif bin Homaid (2007) " Principles of Evaluating Public Works Contract to Develop Construction Industry in Saudi Arabia", (In Arabic Language), Journal of King Saud University- Engineering Sciences, King Saud University, Riyadh, Saudi Arabia, Vol. 20, No. 2, pp 1-10.
4. Al-Hammad, I, Adel El-Dasougky, **Abdullah M. Alsugair**, and Naif bin Homaid (2007) " Proposed Construction Contract Provisions for Developing National Construction Industry", First technical report submitted to King Abdulaziz City for Science and Technology (KACST), Riyadh, Saudi Arabia, (In Arabic Language),
5. **Alsugair, Abdullah M.**, Saeed H. Al-Masry, and Abdulrhman H. Al-Asheikh (2004) "An Expert System to Diagnose Common Cracks in Concrete Buildings in Saudi Arabia", Journal of King Saud University- Engineering Sciences, King Saud University, Riyadh, Saudi Arabia, Vol. 17, No. 1
6. Abu-Thneen, Mansour M. and **Abdullah M. Alsugair** (2002), "Effectiveness of Contractor Classification in Reflecting the Actual level of Construction Contractors in Saudi Arabia", The 6th Saudi Engineering Conference, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia, 14-17 December 2002, vol. I, pp 33-48,.
7. Al-Masry, Saeed H., **Abdullah M. Alsugair**, and Abdulrhman H. Al-Asheikh (2002), "An Arabic Expert System to Diagnose Cracks in Concrete Buildings", The 6th Saudi Engineering Conference, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia, 14-17 December 2002, vol. I, pp 5-15,.
8. **Alsugair, Abdullah M.**, (1999) "Framework for Evaluating Bids of Construction Contractors", ASCE, Journal of Management in Engineering, Vol. 15, No. 2, pp. 72-78.

9. **Alsugair, Abdullah M.**, “Enhancing the Modeling of Resource Interaction in Cyclone System”, Scientific Journal of faculty of Engineering, Ain Shams University, Cairo, Egypt, (accepted for publication on June 2, 2001).
10. **Alsugair, Abdullah M.** and Ali A. Al-Qudrah (1998) "Artificial Neural Network Approach for Pavement Maintenance", ASCE, Journal of Computing in Civil Engineering, Vol. 12 no.4, pp. 249-257.
11. **Alsugair, Abdullah M.**, and Hesham A. Abdelkhalek (2001) “ Factors Affecting Evaluation of Consultants’ Bids”, Civil Engineering Research Magazine, Al-Azher University, Nasr City, Cairo, Egypt, Vol. 23 (1).
12. **Alsugair, Abdullah .M.**, and Essam Sharaf, (1994)"An Artificial Neural Network Approach to Pavement Maintenance Decision Support System", Proceeding of the first Congress of Computing in Civil Engineering, ASCE, Ed. Khalil Khozeimah, pp. 942-949.
13. **Alsugair, Abdullah M.**, and David Chang (1994)"A Goal Driven Approach to Discrete Event Simulation", Proceedings of the first Congress of Computing in Civil Engineering, ASCE, Ed. Khalil Khozeimah, pp. 515-522.
14. **Alsugair, Abdullah M.**, and David Chang (1994)"An Artificial Neural Network Approach to Allocating Construction Resources", Proceedings of the first Congress of Computing in Civil Engineering, ASCE, Ed. Khalil Khozeimah, pp. 950-957.
15. **Alsugair, Abdullah M.**, and David Chang (accepted for publication)" An Enhanced Discrete Event Simulation System", Journal Mathematical Modeling and Scientific Computing.
16. **Alsugair, Abdullah M.**, and David Chang (accepted for publication)" Life Cycle Phases of Developing an Artificial Neural Network Prototype", Journal Mathematical Modeling and Scientific Computing.
17. **Alsugair, Abdullah M.**, and Essam Sharaf, (1995)" A Decision Support System for Pavement Maintenance Using Artificial Neural Networks Technology", Proceedings of the Fourth Saudi Engineering Conference, King Abdulaziz University, Jeddah, Saudi Arabia, Vol. II, pp. 425-435.
18. **Alsugair, Abdullah M.** and Saad Abdulrhman Alkady, (1997), “ Implementing Artificial Neural Networks to Improve Traffic Safety”, Proceedings of National Traffic Safety Symposium, King Abdulaziz City for Science and Technology, National Committee for Traffic Safety, Riyadh, Saudi Arabia, pp. 437-457, (In Arabic Language).
19. **Alsugair, Abdullah M.**, and Essam Sharaf, (1995)" An Artificial Neural Network Approach To Pavement Maintenance Decision Support System", Final report submitted to the Research Center, College of Engineering, King Saud University, Riyadh, Saudi Arabia.