

## CURRICULUM VITAE

13 August 2024

### PERSONAL DETAILS

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

### BUSINESS ADDRESS:

*Vice Presidency for Projects  
King Saud University.  
P.O. Box 800, Riyadh 11421, Saudi Arabia  
E-mail: [amsugair@ksu.edu.sa](mailto:amsugair@ksu.edu.sa)  
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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&amp;M University, College Station, Texas, U.S.A.</i>

### SPECIALIZATION:

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

### PROFESSIONAL EXPERIENCE:

#### **A. Administrative Responsibilities**

- Vice President for Projects, King Saud University (29 / 10/ 2012 – Present).
- Full Time consultant at Ministry of Higher Education, Project Manager of Universities projects in Northern Riyadh province ( Universities of Almajmaa, Shagra, Hurimala, Unaizah, Aldwadmy, and Alzulfy), , (16/10/2010- 29/10/2012).
- Assistant to Vice President for Projects for Project Affairs- Vice Presidency for Projects, King Saud University (1-3-2009- to 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. Academic Employment History:**

<u>DATES</u>	<u>INSTITUTION</u>	<u>POSITION</u>
<i>19/ 3/ 2024-Present</i>	<i>King Saud University</i>	<i>Professor</i>
<i>19/ 6/ 2002-19/3/2024</i>	<i>King Saud University</i>	<i>Associate Professor</i>
<i>26/4/1992-19/6/2002</i>	<i>King Saud University</i>	<i>Assistant Professor</i>
<i>8/7/1984-26/4/1992</i>	<i>King Saud University</i>	<i>Teaching Assistant</i>

## **C. Counsel Memberships**

### **- Academic**

- Member of University Counsel-King Saud University (29/ 10/ 2012- 28/ 12/ 2023).
- Member of Deans Counsel-King Saud University (29/ 10/ 2012- 28/ 12/ 2023).
- Member of College of Engineering Counsel-King Saud University (21/ 5/ 2003- 8/ 11/ 2006).
- Chairman of Civil Engineering Department Counsel-King Saud University (21/ 5/ 2003- 8/ 11/ 2006).
- Member of Civil Engineering Department Counsel-King Saud University (26/4/1992-Present)

### **- Private Sector**

- Member of Board of Directors, Tatweer Buildings Company, Ministry of Education, (26/8/2019 – Present).
- Member of Board of Directors, Riyadh Valley Company, KSU, (21/ 6/ 2021- Present).
- Member of Board of Directors of KSU Endowment (29/ 5/ 2014- Present).
- Chairman of Council of Faculty Club, KSU, (7/ 11/ 2023- Present).
- Chairman of Board of Directors of University Towers Company, KSU Endowment (30/ 3/ 2023 – Present)

## **D. Part Time Consultations**

- Part time consultant with High Education Fund, Ministry of Education (January 2, 2019 - present)
- Part time consultant with Zohair Fayez Consultancy Office (31/5/2006- 1/3/2008).
- 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).

## E. Skills Development:

Training programs and short courses attended:

### a. Professional Development:

1. “**The Ultimate PMO: Leading-Edge Practices for Effective Strategies Performance Management**”, Project Management Institute, Annapolis, MD, USA, (August 9 - 12, 2010).
2. “**Crises Management**”, Institute of Public Administration, Riyadh, Saudi Arabia, (April 6-8, 2008).
3. “**Managing Work Stresses**”, Institute of Public Administration, Riyadh, Saudi Arabia, Period (4 - 6 May 2008).
4. “**Efficient Activities of Academic Departments**”, Workshop, King Saud University, Riyadh, Saudi Arabia, (2 May 2005).
5. “**20<sup>th</sup> Annual Advanced International Executive Program: The Latest Development in Project & Construction Management**”, Projacs Training and Development, Marriott Hotel, Toronto, Canada, Period ( 1- 13 August 2004).

### b. Teaching Skills

6. “**Teaching for Learning**”, Center for the Enhancement of Teaching and Learning, Georgia Institute of Technology, Atlanta, GA, USA, (July 26-30, 2010).
7. “**Use of Information & Communication Technology in Academic Teaching**”, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, Period (13-15 / 3/ 2010).
8. “**Teaching Improvement Through Assessment**”, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, Period (9-10 / 3/ 2010).
9. “**Developing a Teaching Portfolio**”, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, Period (6-7 / 3/ 2010).
10. “**The Use of Concept Mapping in College Teaching**”, Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia, Period (16 January 2010).

## F. 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.

## G. Funded Research:

1. Attainment of Fairness in the Suggested Formulation for the Public Work Contract, **Principal Investigator**, Funded by Research Center, College of Engineering King Saud University, Grant # 25/431 on 8/ 1 / 2010.
2. "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).

- 3..An Artificial Neural Network Approach to Pavement Maintenance Decision Support System, **Principal Investigator**, Completed in 1994, Funded by Research Center, College of Engrg, King Saud University, Grant # 1/1414 on 28/ 6 / 1993.
- 4 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.
5. 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.

#### **H. Membership of Scientific Associations:**

- Member of American Society of Civil Engineers (ASCE).

#### **I. Courses Taught**

1. Undergraduate
  - CE 411 Construction Contracts*
  - CE 412 Cost Estimation & Control*
  - CE 417 Construction Equipment & Methods*
  - CE 419 Construction Management*
  - 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*

#### **J. Supervised Ph. D & MS Students**

##### **Ph.D. Dissertation**

1. Al-Jarallah, Nasser, (in Progress) “An Integrated Framework of Lean Construction and Six Sigma Rating for Housing’s Infrastructure Projects”, Ph.D. Dissertation, Advisor, Civil Engineering Department, King Saud university, Riyadh, Saudi Arabia.
2. Ibrahim A. Al-Sulaihi, (2017), “Framework for Evaluating the Sustainability of Buildings’ Design in Saudi Arabia Using Building Information Modeling”, Co-Advisor, Civil Engineering Department, King Saud university, Riyadh, Saudi Arabia. May 2017

##### **MS THESES**

3. *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).*
4. *Almasry, Saed H., (1999), ” An Expert System for Cost Assessment of Building's Repair and Renovation”, MS Theses, CE Dept., King Saud University (advisor)..*

5. *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).*
6. *Al-Khathlan, Yousef Z., (2006)"A Pre-Qualification Model For Engineering Consultants in Governmental Projects.", MS Theses, CE Dept., King Saud University,(co-advisor).*
7. *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-Orabi, Mohamad Adel Al-Rahhal (2021), "A framework of Selecting Finishing Materials of Building Flooring Using Building Information Modeling (BIM)", Civil Engineering Department, King Saud University, January 2021.
2. Saud, Ammar Modhar (2019), "A framework of Selecting Materials for Exterior Building Enclosure Elements Using Building Information Modeling (BIM)", Civil Engineering Department, King Saud University, May 2019.
3. Ibrahim A. Al-Sulaihi, (2012), Thesis title "Identifying Key Performance Indicators for Benchmarking Performance of Construction Firms in Kingdom of Saudi Arabia", Civil Engineering Department, King Saud University, Jan 2012.
4. 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.
5. 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.
6. 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.
7. 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.
8. Al-Ageely, Khalid A. (2004), "Evaluation of Build Operate Transfer (BOT) Tenders for Government Projects", MS Theses, CE Dept., King Saud University.
9. 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.
10. 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.
11. Alotaiby, Abdullah A., (2001)," Predicting Compressive Strength of Ready Mixed Concrete in Riyadh Using Artificial Neural Networks", MS Theses, CE Dept., King Saud University.
12. 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

### **Committee Memberships**

<u>Position</u>	<u>Committee</u>
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- |            |  |
|------------|--|
| • Member   | Supreme Coordination Committee, KSU, (15/ 10/ 2012- Present).                  |
| • Chairman | Environmental Sustainability and Renewable Energy, KSU, (13/ 3/ 2024- Present) |

- Member Nomination and Reward Committee, Board of Directors of Tatweer Buildings Company, Ministry of Education, (2/ 1/ 2024- Present)
- Chairman Development of Design Guidance for KSU Building Code, KSU, (2/ 12/ 2022- Present).
- Chairman KSU Master Plan Committee, KSU, (21/ 10/ 2021- Present).
- Chairman Relocating KSU Main Service Complex, KSU, (21/ 10/ 2021- Present).
- Chairman Supervising the Design of Royal Lounge in KSU Sport Complex, KSU, (19/ 9/ 2022- Present).
- Chairman Transportation and Traffic Safety, KSU, (4/ 11/ 2014 – Present)).
- Chairman Internal Transportation System committee, (University light train), KSU, (28/ 11/ 2018- Present).
- Member Epidemics Control, KSU, (23/ 2/ 2021- 15/ 8/ 2023).
- V. Chairman Housing Committee, KSU, (15/ 10/ 2012 – Present).
- Chairman Regulating and Conserving Electricity and Water Consumption, KSU, (12/ 2/ 2018- Present).
- Chairman Registering Administrative Citation to Preventive regulations to Confront COVID 19, KSU, (25/ 9/ 2021- 10/ 9/ 2022).
- Chairman Supervising committee for sport complex (Arena Project), KSU, (17/ 8/ 2020- 2/ 2/ 2021).
- Chairman Emergency Committee in Vice Presidency of Projects, KSU, (18/ 1/ 2023- Present).
- Chairman Relocating Spaces among KSU colleges in AL Mozahemeiah branch, KSU, (11/ 12/ 2022- 30/ 1/ 2023).
- Chairman Committee of Achieving efficiency and effectiveness of Maintenance and Operation Contracts, KSU, (10/ 7/ 2019- Present).
- Chairman Legal Committee for KSU Projects, KSU, (14/ 9/ 2020- 2/ 9/ 2021).
- Chairman Engineering and Legal Committee to Study the Status of Higher Education Fund's Projects, Higher Education Fund, Ministry Of Education, (8/ 3/ 2018- 30/ 4/ 2018).
- Chairman Final Handover of Girl's Campus Project, KSU, (8/ 3/ 2016- 1/ 2/ 2022).
- Member Institutional Accreditation Supervising Committee, KSU, (16/ 12/ 2015- Present).
- Member Supreme Directive Committee to Supervise KSU Transformation Program, KSU, (27/ 2/ 2018- Present).
- Chairman Preliminary Handover Committee for Girl's Campus Project, KSU, (13/ 3/ 2013- 10/ 6/ 2015).
- V. Chairman Supervising Move in Committee to Girl's Campus, KSU, (13/ 3/ 2013- 10/ 6/ 2015).
- Chairman Committee for Reimbursing Contractors due to Inflation, Ministry of Higher Education, (27/ 9/ 2011- 15/ 10/ 2012).
- Chairman Consultant Prequalification, Ministry of Higher Education, (2/ 6/ 2012- 15/ 10/ 2012).
- Chairman Analyzing Bids of Contractors and Consultants, Ministry of Higher Education, (2/ 6/ 2012- 15/ 10/ 2012).
- Member Joint Committee from Ministry of Commerce, National Committee of Contractors, and Universities to enhance Construction Industry, Council of Saudi Chambers, (1/ 11/ 2010- 8/ 6/ 2011).

- Chairman Mentoring and Directing Unit at Civil Engineering Department (18/ 12/ 2009-16/ 10/ 2010)
- Chairman Committee of 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- 5/12/2009)
- Chairman Civil Engineering Dept. Academic Accreditation Committee (2004 - 8 / 11/ 2006)
- Member Re-allocating committee for College of Engineering building among departments and college administration units (offices, classrooms, labs, and admin. Units), 14/12/ 2005.
- Member Council of Civil Engineering Department 26/4/1992- present
- Member Committee for Master Program Evaluation in the Civil Engineering Dept. Assignment by the Dean of College of Graduate Studies, King Saud Univ.1996
- Convener Academic committee in Civil Engineering Dept.1999- 2001
- Member Purchasing committee in Civil Engineering Dept. 2001-2003
- Member Academic committee in Civil Engineering Dept.1995-1998
- V. Chairman Examination committee in College of Engineering1994-1996
- Member Examination committee in College of Engineering1993-1994
- Convener Services committee in CE Dept.1993-1994
- Member Students affairs committee in CE Dept.1993-1994

## **COMMUNITY SERVICES**

- Member of a Joint Committee from Ministry of Commerce and Industry, National Contractors Committee, and Universities to Enhance Contracting- The Council of Saudi Chambers, Riyadh, Saudi Arabia, (November 2010 to June 2011).
- Member of a committee established by Saudi Food & Drug Authority (SFDA) to study the offers submitted to manage the SFDA project titled “Headquarter and Reference Laboratories for the Saudi Food & Drug Authority Project (SFDA)”, SFDA, Riyadh, Saudi Arabia, (March 2010 to June 2010).
- Member of Recruiting Committee for the Scientific Counsel in General Establishment for Technical Teaching and Vocational Training to Recruit a lecturer in Abha Technical College (2004).

## **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 1994.*

## **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

### a- In English Language

2. Alassafi, Hassan Th., Khalid S. Al-Gahtani, Abdulmohsen S. Almohsen and **Abdullah M. Alsugair**, (2024), “HVAC maintainability risks in healthcare facilities: a design optimization perspective”, *Facilities*, Vol. 42 No. 15/16, pp. 30-52, <https://www.emerald.com/insight/0263-2772.htm>.
3. **Alsugair Abdullah M.**, Khalid S. Al-Gahtani, Naif M. Alsanabani, Ghalib M. Hommadi, Marwan I. Alawshan, (2024),” An Integrated DEMATEL and System Dynamic Model for Project Cost Prediction”, *Heliyon* , Volume 10, (4), <https://doi.org/10.1016/j.heliyon.2024.e26166>,
4. Nasser AlJarallah, **Abdullah M. Alsugair**; Abdulmohsen Almohsen; Khalid Al-Gahtani, (2024), “Identifying the significant causes of waste of housing infrastructure projects in the Kingdom of Saudi Arabia”, *Alexandria Engineering Journal*, **Volume 86**, January 2024, Pages 217-229, <http://dx.doi.org/10.1016/j.aej.2023.11.063>
5. AlJarallah, Nasser, **Abdullah M. Alsugair**; Abdulmohsen Almohsen; Khalid Al-Gahtani, Naif M. Alsanabani,(2023) “Waste Factors Interdependency Model of Housing Infrastructure Projects”, The Eleventh Alexandria International Conference on Structural, Geotechnical, Engineering and Management “AICSGE-11” , Alexandria University, Alexandria, Egypt, 18-19 December, 2023, Conference Proceedings, pp CM-05-657 to CM-05-673.
6. **Abdullah M. Alsugair** ; Khalid S. Al-Gahtani; Naif M. Alsanabani ; Abdulmajeed A. Alabduljabbar; Abdulmohsen S. Almohsen, (2023), “Artificial Neural Network Model to Predict Final Construction Contract Duration”, *Applied Sciences*, Vol. 13, Iss. 14, p 8078, <https://doi.org/10.3390/app13148078>
7. Nasser Aljarallah, **Abdullah M. Alsugair**, Abdulmohsen S. Almohsen and Khalid S. Al-Gahtani, (2023), “Significant Factors Affecting the Quality of Housing Infrastructure Project Construction in Saudi Arabia Using PLS-SEM”, *Sustainability* 2023, Volume 15, Issue 20, 14998, <https://doi.org/10.3390/su152014998>
8. Almohsen, Abdulmohsen; Alsanabani, Naif; **Alsugair, Abdullah**; Al-Gahtani, Khalid, (2023),” Integrated artificial and deep neural networks with time series to predict the ratio of the low bid to owner estimate”, *Engineering, Construction and Architectural Management*, <https://www.emerald.com/insight/0969-9988.htm>
9. **Abdullah M. Alsugair**, Naif M. Alsanabani and Khalid S. Al-Gahtani, (2023), “Forecasting the Final Contract Cost on the Basis of the Owner’s Cost Estimation Using an Artificial Neural Network”, *Buildings*, 13(3), 786; <https://doi.org/10.3390/buildings13030786>
10. Abdullah M. Alsugair (2022), “Cost Deviation Model of Construction Projects in Saudi Arabia Using PLS-SEM”, *Sustainability*, 14, 16391. <https://doi.org/10.3390/su142416391>
11. Khalid Al-Gahtani, **Abdullah Alsugair**, Naif Alsanabani, Abdulmajeed Alabduljabbar & Bader Almutairi (2022) “Forecasting delay-time model for Saudi construction projects using DEMATEL–SD technique”, *International Journal of Construction Management*, <https://doi.org/10.1080/15623599.2022.2152944>
12. Saud, Ammar M., Khalid S. Al-Gahtani, and **Abdullah M. Alsugair**, (2022) "Exterior walls selection framework using Building Information Modeling (BIM).", *Cogent Engineering* 9, no. 1: 2088642. DOI: <https://doi.org/10.1080/23311916.2022.2088642>
13. Alanazi, Abdulkareem, Khalid Al-Gahtani, and **Abdullah Alsugair**, (2022), "Framework for Smart Cost Optimization of Material Logistics in Construction Road Projects", *Infrastructures* 7, no. 5: 62. <https://doi.org/10.3390/infrastructures7050062>
14. AlRasheed, Maha M., **Abdullah M. Alsugair**, Hala F.Almarzouqi, Gadah K. Alonazi, Fadilah .S. Aleanizy, Fulwah Y. Alqahtani ,Gamal A. Shazly, Fowad Khurshid, ( 2021), “Assessment of Knowledge, Attitude and Practice of Security and Safety Workers towards



- COVID-19 Pandemic: A Cross-Sectional Study”, *Frontiers in Public Health*. November 2020 (IF:2.48; Q2)., <https://www.frontiersin.org/articles/10.3389/fpubh.2021.631717/full>.
15. AlRasheed, Maha M., **Abdullah M. Alsugair**, Hala F.Almarzouqi, Gadah K. Alonazi, Fadilah .S. Aleanizy, Fulwah Y. Alqahtani ,Gamal A. Shazly, Fowad Khurshid, (2021), “Assessment of Knowledge, Attitude and Practice of Security and Safety Workers towards COVID-19 Pandemic: A Cross-Sectional Study”, *Saudi International Pharmaceutical Science “SIPHA 21”*, February 11, 2021.
  16. Al-Sulaihi, Ibrahim A., Khalid S. Al-Gahtani, **Abdullah M. Al-Sugair** and Aref A. Abadel (2018). “Development of a Roadmap for Assessment the Sustainability of Building in Saudi Arabia Using Building Information Modeling”, *International Journal of Civil and Environmental Engineering*, Vol.12, No. (6), pp 593-598.
  17. Al-Sulaihi, I. A, Khalid S. Al-Gahtani, **Abdullah M. Al-Sugair** and Mohamed Marzouk (2017). Developing a rating system for sustainable office buildings using Simos’ procedure, *Journal of engineering research*, Vol.5, No. (1), pp 59-88.  
[http://ijamce.iraj.in/paper\\_detail.php?paper\\_id=13243&name=Systematic Approach for Assessing the Sustainability of Buildings using Building Information Modeling](http://ijamce.iraj.in/paper_detail.php?paper_id=13243&name=Systematic Approach for Assessing the Sustainability of Buildings using Building Information Modeling)
  18. Al-Sulahi, I., **Al-Sugair, A.**, Al-Gahtani, K.,(2016) "Toward Developing a Systematic Approach for Assessing Green Buildings in Saudi Arabia Using BIM." “7th SAUDI GREEN BUILDING FORUM, 17-19/10/2016.
  19. Ibrahim Al-Sulaihi, Khalid Al-Gahtani, **Abdullah Alsugair** and Ibrahim Tijani. (2015) “Assessing Indoor Environmental Quality of Educational Buildings Using BIM” *Journal of Environmental Science and Engineering B*, 4 (2015), 451-458, doi:10.17265/2162-5263/2015.08.006.
  20. Al-Sulahi, I., **Al-Sugair, A.**, Al-Gahtani, K.,(2015) “Framework for Evaluating the Sustainability of Buildings’ Design in Saudi Arabia Using Building Information Modeling”, *International Journal of Structural Analysis & Design– IJSAD*, Volume 2: Issue 1, April 2015, [ISSN: 2372-4102].
  21. AlSulahi, I., Al-Gahtani, K., **Al-Sugair, A.**, Tijani, I. (2015). “Framework for Assessing the Indoor Environmental Quality for Educational Buildings using BIM” 2nd International Workshop on Civil Engineering and Architecture, IWCEA-2015, Istanbul, 12-13 Sep. 2015.
  22. Al-Sulahi, I., **Al-Sugair, A.**, Al-Gahtani, K., (2014) “Framework for Evaluating the Sustainability of Buildings’ Design in Saudi Arabia Using Building Information Modeling” *Proc. of the Second Intl. Conf. on Advances In Civil, Structural and Environmental Engineering- ACSEE 2014*, Zurich, Switzerland, 25 – 26 October 2014.
  23. Ibrahim A. Al-Sulaihi; **Abdullah M. Alsugair**; Khalid S. Al-Gahtani, (2014). “Framework for Evaluating the Sustainability of Buildings’ Design in Saudi Arabia Using Building Information Modeling.” *Proc. of the Second Intl. Conf. on Advances In Civil, Structural and Environmental Engineering- ACSEE 2014*, 6-10.
  24. **Alsugair, Abdullah M.** (2012) "Effect of the Medical Insurance Decree on Construction Industry in Saudi Arabia", *Advanced Materials Research Vols. 446-449*, pp 3861-3868.
  25. **Alsugair, Abdullah M**, and Mansour M. AbuThnain, (2011) "Assessment of the Government Contractor Classification System in Saudi Arabia”, *Advanced Materials Research*, Vols. 250-253, pp 345-355.
  26. **Alsugair, Abdullah M.** (2011) "Impact of Mandatory Medical Insurance on Construction Contractor in Saudi Arabia", *Advanced Materials Research Vols. 163 – 167*, pp 4529-4534.
  27. **Alsugair, Abdullah M.**, (2002) “Enhancing the Modeling of Resource Interaction in Cyclone System”, *Scientific Journal of faculty of Engineering, Ain Shams University, Cairo, Egypt*.

28. **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) pp 270-288..
29. **Alsugair, Abdullah M.**, (1999) "Framework for Evaluating Bids of Construction Contractors", ASCE, Journal of Management in Engineering, Vol. 15, No. 2, pp. 72-78.
30. **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.
31. **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.
32. **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.
33. **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.
34. **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.
35. **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.

#### **b- In Arabic Language**

36. **Alsugair, Abdullah M**, Adel El-Dasougky, Naif bin Homaid, and Ibrahim Al-Hammad (2012) "Financial Evaluation Aspects of the Construction Industry According to the Proposed Construction Contract Provisions", Journal of King Saud University- Engineering Sciences, Vol. 24 , Special edition, pp 1-20, King Saud University, Riyadh, Saudi Arabia, ( In Arabic Language).
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