

## Curriculum Vitae



### **Personal:**

Name: Professor Dr. Khalil Ismail Wali, B. Sc, MSc, Ph.D.  
Date and place of birth: 1/7/1952, Mindly, Iraq  
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### **Education:**

1997– 2000 PhD degree in Engineering Management of Construction Projects, from **University of Technology, Iraq**  
1983 – 1985 M.Sc. degree in Civil Engineering, Construction Management from **Queen’s University of Belfast- U.K.**  
1970 – 1975 B.Sc. degree in Building and Construction Engineering from **University of Technology, Iraq.**

### **Membership of Profession Bodies:**

1. Membership in Iraqi Engineers Union, as a Consultant in Civil Engineering. No.12467, date 6/7/1976
2. Membership in Kurdistan Engineers Union, as Consultant in Civil Engineering, No. 8092 date Feb.2010.
3. Membership in Kurdistan Teachers Union: No.15326.

### **Experience:**

#### **Part A- Academic Experience in Undergraduate Teaching:**

1. Academic experience in teaching as a lecturer in Civil Engineering Department, College of Engineering, University of Salahaddin- Erbil-Iraq. In the field of Engineering **Economy and Construction Management** for third year stage for academic years 2007-2008, till 2020.
2. Academic experience in teaching as a lecturer in Civil Engineering Department, College of Engineering, University of Salahaddin- Erbil-Iraq. In the field of **Methods of Construction and Estimation** for fourth year stage for academic years 2019 -2020.
3. Academic experience in teaching as a lecturer in Architectural Engineering Department, College of Engineering, University of Salahaddin- Erbil-Iraq. In the field of **Engineering Economy and Management** for third year stage for academic years 2008-2009, 2009-2010.
4. Academic experience in teaching as a lecturer in Civil Engineering Department, College of Engineering, University of Salahaddin- Erbil-Iraq. In the field of **Environmental Engineering** for the second-year stage for academic years 2009-2010, 2010-2011.
5. Academic experience in teaching in Civil Engineering Department, College of Engineering, University of Ishik- Erbil-Iraq, lecturing in subject of Engineering **Economy and Management** for the third-year stage for academic year 2011-2012, 2012-2013.
6. Academic experience in teaching in Civil Engineering Department, College of Engineering, University of Ishik- Erbil-Iraq lecturing in subject of **Building Construction** for the second-year stage for academic year 2011-2012, 2012-2013.
7. Academic experience in teaching as a lecturer in the faculty of Building and Construction Department-University of Technology, Iraq. The subject of the teaching is in the field of Project Management, quantity surveying and construction management, from year 2000 to 2006.

#### **Part B- Academic Experience in Postgraduate Studies:**

1. Lecturing Postgraduate Students MSc & PhD in the fields of Construction Management, Engineering Economy, Environmental Engineering, Procurement Management, Green buildings & Sustainable procurement. Risk Management, and Lean Construction Approaches to Project Management.

2. Supervising a postgraduate MSc research study in the University of Technology, Iraq, 2003. In title of “Constructing an Engineering System for Quality Management at the Design Stage”
3. Supervising a postgraduate MSc research study in the University of Salahaddin- Erbil, 2012. In title of “Assessment of Groundwater Quality and Vulnerability Using DRASTIC Method in Erbil City”
4. Supervising PhD research study in the University of Salahaddin- Erbil, 2015. The title of research “Developing an Effective Risk Management System in Construction Projects”
5. Supervising MSc research studies at the University of Salahaddin- Erbil. The Title of the research was “Developing an Effective Cost Estimation Model for Construction Project by Utilizing BIM Techniques”. Nazik Imad Saber, 2020.
6. Supervising MSc research studies at the University of Salahaddin- Erbil. The title of the research was “Improvement of Quality Management System in Construction Sector by Adopting ISO-9001 in Erbil City -Iraq”. Bnar Naaman Hamadameen, 2020.
7. Supervising MSc research studies at the University of Salahaddin- Erbil, 2020. The Title of the research “Improving Project Planning and Scheduling using Modern Techniques”. Shamal Ali Othman, 2020.
8. Supervising PhD reseach study at the University of Salahaddin- Erbil. The title of the research was “Developing Effective Risk Management System in Construction Projects ( Tunneling As a Case study), Ahmed Suad Ali, 2021.

### **Part C: Managerial Experience**

1. Member of Editor Board of Zanco Scientific Journal as per letter No.883 dated 24/12/2018.
2. Member of TQA Committee as per letter No. 7/54/2079 dated 16/10/2018.
3. Member of Curriculum Development in College of engineering as per letter No. 2389 dated 5/12/2016.
4. Acting as ahead of Quality Assurance Committee in Civil Engineering Department, College of Engineering, as per letter No. 4865 dated 29/3/2011 for 5 years.

### **Training Courses:**

1. Participating in DRC Assistance Framework workshop during August 9<sup>th</sup> -11<sup>th</sup>, 2005 in Amman.
2. Participating in “Project Implementation Workshop” Organized by the World Bank held in Amman, Feb. 2005.
3. Participating in DRC workshop for Project Cycle Management and proposal writing Training Program during August 15<sup>th</sup> -17<sup>th</sup>, 2005 in Amman.
4. Participating in “Urban Planning Environmental Impact Assessment Workshop”, facilitated by the RTI/ Local Governance Project II-Erbil, Oct. 30, 2008.
5. Participating in UNESCO workshop for Rehabilitation of Iraq Education System- Assessment for Quality Improvement of Engineering Programs, 16-21 June 2012, Erbil, Sheraton Hotel.

### **Published Papers:**

1. Khalil Ismail Wali, 2011 "The Domestic Solid Waste Generation Management in Erbil City", paper published in Zanco Journal, Vol.22, No.6, 2011.
2. Khalil Ismail Wali, 2011 “The Relation of Socio-Economic Factors to Household Solid Waste Generation and Management in Erbil City”, presented in 4<sup>th</sup> International Scientific Conference, SU-ERBIL, in Erbil, 18-21 October, 2011.
3. Khalil Ismail Wali, 2011 “The Role of Resident’s Life Style and Practicing the 3R’s Principles in Household Solid Waste Generation and Management in Erbil City”, Zanco Journal of Salahaddin University, Vol.24, No.1, 2012.

4. Khalil Ismail Wali, 2014, "Investigation into the Public Perception towards the Solid Waste Management System Adopted in Erbil City", published in Zanco Journal of Salahaddin University. Vol.26 No.1, 2014.
5. Khalil I. Wali and Zina M. Alwan, 2016 "Quality Management for Groundwater by assessment of aquifer vulnerability to contamination in Erbil city. Published in 2<sup>nd</sup> Conference of Environment and Sustainable Development, 28-29 October, 2015, University of Technology-Iraq. Published in Eng. &Tech. Journal, Vol.34, Part(A), No.4, 2016.
6. Khalil I. Wali, Noori S. Ali, 2019 "Diagnosis and Evaluation of Defects Encountered in Newly Constructed Houses in Erbil City, Kurdistan, Iraq", published in Engineering and Technology Journal, Vol.37, Part A, No.2, 2019, DOI: <http://dx.doi.org/10.30684/etj.37.2A.5>
7. Noori Sadeq Ali, Khalil Ismail Wali, 2019 "Evaluation of Construction Delay of Public Projects in Erbil Governorate". Published in Cihan University –Erbil Scientific Journal (CUESJ), Vol.3, No.1, PP.18-26. DOI: [http://10.24086/\(cuesj\).V3n1y201](http://10.24086/(cuesj).V3n1y201)
8. Khalil Ismail Wali, Nazik Imad Saber, 2019 "Appraisal of Risk Factors Influencing the Construction of School Buildings in Northern Iraq". Accepted in Tikrit Journal of Engineering Science, University of Tikrit, Vol.26, No.2, PP. 1-8. DOI: <http://dx.doi.org/10.25130/tjes.26.2.01>
9. Khalil I. Wali, Bnar N. Hamadameen, 2019 "Risk Assessment in Construction of Water Supply Projects in Kurdistan Region-Iraq". Accepted in Zanco Journal of Pure and Applied Sciences- Salahaddin University – Erbil. Vol.31, No. 2, PP.31-40, DOI: <http://dx.doi.org/10.21271/ZJPAS.31.2.5>
10. Khalil Ismail Wali, and Shamal Ali Othman, 2019 "Comparison and Assessment of Using Primavera and Microsoft Project in Construction Projects in Erbil City." Accepted in second International Conference (SU-ICEIT19), April 14-16, 2019-Erbil. Acceptance letter: No. 102, presented on 15/4/2019. Published in Zanco Journal ZJPAS Vol. 31, No. s3, PP. 285-291. DOI: <http://dx.doi.org/10.21271>
11. Khalil Ismail Wali, and Shamal Ali Othman, 2019 "Schedule Risk Analysis Using Monte Carlo Simulation for Residential Projects." Zanco Journal, Vol. 31, No. 5, 2019, PP. 90-103. <http://dx.doi.org/10.21271/ZJPAS.31.5.11>
12. Khalil Ismail Wali, Bnar Naaman Hamadameen, 2019 "An Investigation into the Current Situation of Implementing ISO 9001 Quality Management System in Construction Sector in Erbil City-Iraq" Sulaimani Journal for Engineering Science, Vol.6, No.4, 2019 , PP.57-70 DOI Link: <https://sites.google.com/a/univsul.edu.iq/sjes/issues/vol6no4/sjes-10114>
13. Khalil Ismail Wali, Mahmood Maad Mahdi, 2020 "Identification and Management of Major Risk Factors in Construction of Healthcare Centers Projects" Engineering and Technology Journal-UoT-Iraq, Vol. 38, Part A, No. 1, Pp. 65-73. DOI: <https://doi.org/10.30684/etj.v38i1A.1599>
14. Khalil Ismail Wali and Nazik Imad Saber, 2019 "An Analysis of Causes and Factors Affecting Change Orders Occurrence in Construction Projects in Iraq" Zanco Journal, Vol. 31, No. 6, PP. 1-12, DOI: <http://dx.doi.org/10.21271/ZJPAS.31.6>.
15. Khalil Ismail Wali and Nazik Imad Saber, 2020 "A study of Current Situation, Difficulties, and Advantages of Implementing BIM in Construction Sector in Northern, Iraq." Zanco Journal of Pure and Applied Sciences- Salahaddin University – Erbil, Vol.32, No.2 2020, PP. 93-106, DOI: <http://dx.doi.org/10.21271/ZJPAS.32.2.10>

16. Khalil Ismail Wali, 2020 “An Investigation into the Current Situation of Implementing Building Information Modelling (BIM) in Construction Projects in Erbil City”, Zanco Journal, Vol.33, No.3, 2020, PP 10-19. DOI: <http://dx.doi.org/10.21271/ZJPAS.32.3.2>
17. Khalil Ismail Wali, 2020 “An Investigation into the Factors Influencing the Reduction of Construction Materials Wastage in Erbil City- KRG-Iraq” Zanco Journal of Pure and Applied Sciences- Salahaddin University – Erbil.Vol.32 No.4 PP. 1-11, DOI: <http://dx.doi.org/10.21271/ZJPAS.32.4.1>
18. Mahmood Maad Mahdi, Khalil Ismail Wali and Burog Abdullhalim Yuosif, 2020 “Minimizing Time and Cost Overrun in The Iraqi AEC industry by Adopting Building Information Modeling (BIM) Technique” Zanco Journal of Pure and Applied Sciences- Salahaddin University – Erbil.Vol. No. PP. Accepted in process of publishing.
19. Ahmed Suad Ali, Khalil Ismail Wali,2020, "Investigating the Status of Risk Management System in Tunnel Construction Projects". Published in Journal of Global Scientific Research (JGSR), (ISSN: 2523-9376) 6 (2020) Vol. 7, 2020.PP. 655-666.  
[https://www.gsjpublications.com/Archive\\_Journal\\_of\\_Global\\_Scientific\\_Research.html?fbclid=IwAR3vjMNAfrvHUUV4vDkNBawFWixMB3rto6RnL96yniBDUGy0RiTkGZFXJvs](https://www.gsjpublications.com/Archive_Journal_of_Global_Scientific_Research.html?fbclid=IwAR3vjMNAfrvHUUV4vDkNBawFWixMB3rto6RnL96yniBDUGy0RiTkGZFXJvs)
20. Ahmed Suad Ali, Khalil Ismail Wali,2020, "Extent of risk management implementation in some of rock laboratory tests for tunnel projects by means of AHP methods”. Published in Periodicals of Engineering and Natural Sciences (PEN), ISSN-2303-4521, Indexing: Scopus, DOAJ, Google Scholar, DOI: 10.21533/pen. Vol.8, No.4 (2020), PP:2075-2088)