



Ibrahim Farouq Varouqa

Associate Professor



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Jordan , Amman

PERSONAL SKILLS

- Hard Work & Team Work
- Time management
- MS Office, AutoCAD, Internet, Primavera
- ERP System.
- E-Learning Moodle

LANGUAGES

ARABIC

ENGLISH

RUSSIAN

CIRCASSIAN

INTERESTS

- Scientific Research
- Self development
- Continuous learning
- Technology

Summary

Industrial Field

Projects Manager over 12 years of high complex construction projects in Jordan and U.A.E, including regional and international projects.

Expert in preparation claims, variation orders and preparation arbitration documents. Worked as head of research and development department in Dubai ready-mix.

Academic field

4 years in @ Al Marqeb university in Libya , 10 years in Isra university, 4 years' head of civil engineering department, published 16 research papers in international refereed journals, supervising master's theses in project management, materials and structure fields.

Education

- ✓ PH.D Civil Engineer - Technical since / Engineering Structure
Course category: Civil engineering from Rostov State Civil Engineering University Russia - Rostov-on -Don 1998 - 2001
- ✓ Master Degree of Science In Engineering (Civil engineer/Engineering Structure)
Course category: Civil engineering from kabardino-balkarian state university 1989 – 1995 Russia – Nalchik

Experiences

- ❖ Isra University – Amman – Jordan
Position: Head of civil department from 2018/2019 to September 2023
- ❖ Dean Assistant for Quality Affairs from September 2022 up to to September 2023
- ☐ Responsibilities: Teaching the following courses
 - ✓ Construction Materials
 - ✓ Construction Materials (Laboratory)
 - ✓ Engineering foundations
 - ✓ Engineering S
 - ✓ Building services
 - ✓ Buildings Construction
 - ✓ Fluid Laboratory
 - ✓ Highway Laboratory
 - ✓ Fluid mechanics
 - ✓ West Water Laboratory
 - ✓ Construction Materials Laboratory
 - ✓ Supervising on Graduation projects
 - ✓ Supervising on Master thesis

➤ **Committees in Isra University**

No	Committee Name	Position
1	Strategic Plan Committee	Head
2	American International Quality Committee ABET	Head
3	Laboratories Committee	Member
4	Student Disciplinary Committee	Member
5	High Education committee	Member

➤ **Supervising on Master thesis**

Title of thesis	Student name
Effect of Using Crumb Rubber as A Part of Fine Aggregate on the Mechanical Properties of Concrete Mixes	Odai al Khrabsheh
Maintenance management of large buildings in Jordan	Salem Qaseem Al rousan
Risks Management of Infrastructure Line Services and Their Impact on the Financial Costs of Road Projects in Jordan	Alaa Al khawajah
“ Earned Value Management and Neural Network to Estimate Cost of Project in Jordan”	Sharehan Abu Haswah
Sustainability applying strategy in the architectural design of hospitals in Syria	Salah aldeen alhbal
Critical Success Factors In Construction Management	Mariam Al jumeali
The Effect Of Irregularly On The Structure Behavior In High-Rise Seismic Designed Concrete Buildings	Mohammad al Salahat
Materials Management on Construction Sites	Osama Al Fahdawi

➤ **Dubai Readymix Concrete L.L.C. (JAN 2013 – Oct 2014) Development and research Manager U.A.E. / Dubai**

❖ **Responsibilities:**

- ✓ Review all inquiries from client checking specifications, mix design
- ✓ Preparation concrete mix design as per BS, ASTM standards and client requirement.
- ✓ Reviewing all concrete admixtures technical data sheet and specification.
- ✓ Estimating concrete price for Projects.
- ✓ All test requirements for materials and concrete as per international standards
- ✓ Following all technical requirements with Dubai Municipality
- ✓ Coordination between Production department and Projects
- ✓ Registration company in Authority parties
- ✓ preparation Quality manual for company
- ✓ Control to implement ISO:9001: 2008 requirements
- ✓ Lead Auditor for Company
- ✓ Prepare presentation Management review file
- ✓ Control Internal Audit

➤ **Hadeed Emirates contracting .L.L.C. - Project Manager U.A.E. / Abu Dhabi April 2007 – Jan2013**

Project Name	Duration	Position
Military force Project communication towers	May 2012 - Jan 2013	Project Manager
Khalifa Port & Industrial Zone	February 2011 to March 2012	Project Manager
Al Ain cement factory	July 2010 to February 2011	Project Manager
United Printing and publishing press	Feb-2007 to June 2010	Project Manager
Abu Dhabi Abu Dhabi Business Hub- Industrial standard warehouses	Oct-2008 to May 2009	Project Manager
Abu Alama cement factory –offices	September 2008- Oct 2009	Project Manager
Hadeed Emirates Industries	May -2009 to Dec-2009	Project Manager

❖ Responsibilities:

- ✓ Preparing and monitoring the budgets, cash flow, monthly Invoices, monthly reports.
- ✓ Following approval for MAS & DAS (Material Approval Status & Drawing approval Status).
- ✓ Preparing invoices
- ✓ All Correspondence
- ✓ Following the execution stages base on Work break down structure.
- ✓ Technical inspection of the construction, conducting performance of evaluation, and ensuring compliance with government regulations, engineering drawings, and customer specifications.
- ✓ Quality Control as per Specifications.
- ✓ Following Variation orders and Extension of time during execution stage as FIDIC.
- ✓ Hand over the project to the local government authority parties.
- ✓ Hand over project to client.
- ✓ Following the as built drawings.

➤ Company: Al Margab University - Engineering Faculty in Libya

Lecturer - Libya – Al khomes Jan 2004 – Aug 2006

❖ Responsibilities: Teaching the following courses:

- ✓ Foundation Engineering
- ✓ Engineering drawing
- ✓ Descriptive Geometry
- ✓ Prestressed concrete
- ✓ Structure analysis
- ✓ Technical writing reports
- ✓ Steel structure 1

➤ Company: Sabeel Consultants Engineering Company

Project Engineer Jordan – Amman Oct 2001 To Nov 2003

❖ Responsibilities: Supervising on the following projects:

- ✓ Social development building. In Derar / Dear Alaa
- ✓ Al Ktefa School for girls in Al ktefah / near airport 15, 445 m2

Tanning Courses

- ✓ Big data – General Level, UNSCO 25 Nov 2020
- ✓ Key Project Management Tools, 3 Fold Education Center. April 2014
- ✓ Lead Auditor ISO 9001:2008 Course with BM TRADA in December 2013
- ✓ PMP course in London Technical Institute – UAE – Abu Dhabi
- ✓ ATW and PTW in GASCO head office- Feb-2009

Publication's

No.	Paper title (Issue,Vol,Year,Page)	Authors Names	Journal Names	Indexed IN	country
1	Pentachlorophenol degradation in the heterogeneous catalytic ozonation process using Al ₂ O ₃ as a catalyst agent	<ul style="list-style-type: none"> Mutaz Qutob Dua'a AlMajali Ibrahim Varouqa Sora Sora Omari 	Journal of Advanced Sciences and Engineering Technologies	Google scholar Ebsco	Jordan
2	RISKS MANAGEMENT OF INFRASTRUCTURE LINE SERVICES AND THEIR IMPACT ON THE FINANCIAL COSTS OF ROAD PROJECTS IN JORDAN Volume 25, February 2023, 100647	Ala'a Sa'dl Issa Alkhawaja, Ibrahim Farouq Varouqa	Measurement: Sensors	Scopus Q3	United Kingdom
3	Investigations of Welding Parameters Impacts on Mechanical & Corrosion Behaviour of Steel Welds applied Nano materials Volume.5, No.2 in 2022	Dr. Ibrahim Farouq Varouqa	Journal of Advanced Sciences and Engineering Technologies	Google scholar Ebsco	Jordan
4	Degradation of humic acid using a solar light-photocatalytic process with a FeNi ₃ /SiO ₂ /TiO ₂ magnetic nano-composite as the catalyst Volume 241(2021)135-145	Fatemeh Akbari Maryam hodadadi Tariq J. Al-Musawi Ibrahim Farouq Varouqa Ali Naghizadeh	Desalination And Water Treatment Science And Engineering	Scopus Q3 Clarivate	United States
5	FACTORS INFLUENCING THE PRODUCTIVITY OF EXCAVATION WORKS FOR CONSTRUCTION PROJECTS IN JORDAN” Volume 12. Issue 04	Dr. Orabi Al Rawi, Dr. Ibrahim Farouq Varouqa, Dr. Ra'ed Al-muhanna and Eng. Ala' Diab Amer,	International Journal of Civil Engineering and Technology (IJCIET), Volume 12. Issue 04	Scope Database	India
6	FLEXURAL BEHAVIOR OF REINFORCED CONCRETE BEAMS WITH HIGH PERFORMANCE FIBERS 2021, 2, 31-39	Dr. Ibrahim Farouq Varouqa	International Journal of Modern Education and Computer Science	Scopus Q3	China
7	Using Artificial Intelligence and computation Enhanced apply in neural network Issue and Volume to be issued soon (acceptance letter)	Dr. Ibrahim Farouq Varouqa	Journal of Applied Science and Engineering	Scopus Q3	Taiwan
8	Detecting the concentration of aldehydes disinfection by-products formed due to the application of the ozonation process in water treatment plants Issue and Volume to be issued soon (acceptance letter)	Dr. Ibrahim Farouq Varouqa	Materials Today: Proceeding	Scopus Q3 Elsevier	United kingdom

No.	Paper title (Issue,Vol,Year,Page)	Authors Names	Journal Names	Indexed IN	country
9	Building Information Modeling and Building Knowledge Modeling in Project Management Vol 28 No 1 (2021)	Nidal A. Jasim1), Hadi S.M. Aljumaily2) Ibrahim Farouq Varouqa3), Faiq M.S. Al- Zwainy4)*	Computer Assisted Methods in Engineering and Science (CAMES)	Scopus Q4	Poland
10	USING THE ARTIFICIAL NEURAL NETWORKS FOR PREDICTING COMPRESSIVE STRENGTH OF NORMALLY CONCRETES Volume 11, Issue 6, pages 545-55	Dr. Ibrahim Farouq Varouqa	International Journal of Advanced Research in Engineering and Technology (IJARET) ISSN: 0976-6499	Scopus Q4	India
11	Materials Management on Construction Sites Using RFID Technique, VOLUME 9, ISSUE 04, APRIL 2020 Pages 1757-1581	Osama Ali Ibrahim(1) Ibrahim Abed Mohammed(2) Ibrahim Farouq Varouqa(3)	International Journal of Scientific & Technology Research. ISSN22778616	Scopus Q3	India
12	External Wall Performance in Residential Buildings in Hot Climate Countries, Volume 9, Issue 10, October 2018, pages 1980–1990	Ibrahim Varouqa(1) Taiseer Rawashdeh(2) Shehdeh Ghannam(3)	International Journal of Civil Engineering and Technology (IJCIET)	Scopus Q2	India
13	Evaluation of Permeability and porosity of Self-Compacting Concrete And Their Relation, ISSN Print: 0976-6308 and ISSN Online: 0976-6316 Volume 9, Issue 11, November 2018, pp. 1414–1424	Mohammad Salman Al-Lami (1)and Ibrahim Farouq Varouqa(2)	International Journal of Civil Engineering and Technology	Scopus Q2	India
14	Diagnosing the Causes of Failure in the Construction Sector Using Root Cause Analysis Technique, Volume 2018, Article ID 1804053, 12 pages	Faiq M. S. Al-Zwainy , 1 Ibrahim A. Mohammed,2 and Ibrahim F. Varouqa(3)	Hindawi Journal of Engineering Volume 2018, Article ID 1804053, 12 pages	Scopus Q2	United kingdom

Books

- ✓ Curriculum for teaching and learning the Circassian language for beginners, (single Author),2018
- ✓ Circassian Nation Emblems, (single Author),2013
- ✓ The Most 100 beautiful sayings, Dr. Ibrahim.F. Varouqa, Jan. A. Bakig, Mohammad.Y. Namrouqa, 2013

Membership

- ✓ Jordanian Engineering Association Registration number 16209 – since 2002
- ✓ Gulf Engineering Council - March 2014
- ✓ Project Management Institute ID No1232679 since JAN-2009
- ✓ Project Management Institute- Arabian Gulf Chapter since Jan-2009 – ID No 1232679
- ✓ Design-Procurement-Construction SIG - since JAN-2009
- ✓ Circassian charity association Amman /Jordan
- ✓ Nalchik universities and institutes alumni club

Volunteer Works & social Activates

- Chairman of Circassian Cherty Accusation from February 2021 up to 2023
- Chairman of Nalchik Universities and Institutes Alumni Club since October 2018 - February 2021
- Teaching Circassian language since Jun 2015 up to date.
- Member in culture comity in Circassian charity association Amman /Jordan from 2014 up to date.
- Administration member in Circassian Charity Association
- Member in Board of Trustees Prince Hamza ben Al Hussain schools. From 2019 up to 2022.

Publication's online

- ✓ Google scholar: <https://scholar.google.com/citations?user=kjOMu4wAAAAJ&hl=en>
- ✓ Scopus: <https://www.scopus.com/authid/detail.uri?authorId=57204660700>