

Contacts:

Dept. of Management and Construction, Faculty of Civil Engineering

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Professional summary

A Civil Engineering Associate Professor with research background in construction management and extensive experience of lecturing and administering undergraduate and postgraduate students with research and academic teaching experience in several academic institutions.

Skills

- Teaching several civil engineering courses (Programming 1 and 2, construction management, AutoCAD Drawing, Strategic Planning and Construction Planning).
- Supervising Postgraduate research.
- Dean administrative experience.

Programming languages & software:

- Programs of Planning: MSProject, Primavera
- Programs of Structure: Super Beam, Stad III.
- Layout and Image programs : Auto CAD, Smart draw, Photoshop
- Programming languages: Visual BASIC, C++, SQL. Visual Basic6, MS-Office, AutoCad, Etabs, STAAD Pro & others.

Languages:

- Arabic (Excellent: writing and speaking)
- French (Excellent: writing and speaking)
- English (Excellent: writing and speaking)

Teaching Courses

- Project Management
- Construction Planning Control
- Teaching analysing structure softwares (Sap2000, ETABS, Safe etc)
- Programming Languages (Visual Basic6, SQL, Visual C++, etc)
- Drawing buildings (AutoCad)
- Strategic Planning
- Feasibility Study
- Construction Management
- Human Resources Management
- Work Site Management
- Computer assisted design
- Engineering Economics
- (PMBOK) Project Management Body of Knowledge
- Teaching project management software (Primavera & MS Project)

- Environmental Management
- Financial Management
- Risk Management
- Construction technology
- Numerical Mathematics
- Quality Management and Control

Work History

Dean of Faculty of Civil Engineering DeirEzzor, Alfurat University. Syria.	Oct/2013 – Oct/2015
Vice Dean in Faculty of Civil Engineering (Part-time) Alfurat University, Civil Engineering Dept. in Hasaka.	Nov/2009-Nov/2012
Professor Lecturer (Part-time) Aljazeera Private University, Dier Ezzor, Syria.	2009 – 2012
Professor Lecturer (Part-time) Ittehad Private University (IPU), Syria.	2008 – 2010
Professor Lecturer in MSc programs Tempus Program, Faculty of Civil Engineering, Aleppo University, Syria	Since Feb/2008
University Professor Faculty of Civil Engineering, Aleppo University, Syria	Since July/2007
Research Assistant Alphi SARL, Tresserve, France.	August/2006 – July/2007
Assistant Lecturer Faculty of Civil Engineering, Aleppo University, SYRIA. Lecturing on Computing and its applications in Civil Engineering and Project Management.	1995 - 2000

Completed MSc Research Projects:

- (Occupational Safety in Construction Projects, 2010),
- (Developing a Model to Improve Labor Productivity in Construction, 2011)

Ongoing Research Projects:

- Studying The impact of the solar energy application in the building on the investment cost & the environmental sustainable
- Development Lightweight Concrete with Good Compressive Strength Using Artificial Aggregates
- Managing Building Permits Using Geographic Information Systems
- Creating Project Templates for planning Building Project in Syria

Education

Bachelor of Science: Civil Engineering (Management and Construction of Project)

Aleppo University, Aleppo, Syria **1990/1995**
Studied in the first three years general civil engineering subjects and specialized in Management and Construction of Project in the fourth and fifth years.

Diploma: Computer and its Applications for Economics **1997/1998**
Aleppo University, Faculty of Economics, Aleppo, Syria.

DEA, Civil Engineering, LGCH – ESIGEC, Université de Savoie, FRANCE. **2000/2001**

PhD: Civil Engineering (Construction Management) **2001/2006**
Polytech'Savoie, Université de Savoie, France
Conducted research leading to a PhD degree on Organisation and Scheduling of Repetitive Activities of High-rise Buildings: Optimisation with Genetic Algorithms.

Training Experiences

- Teacher of Project Management using MSProject, Dar Basile - MBA Course in cooperation, Aleppo, Syria, 2010/2011.
- Trainer of Primavera 6.2 project planner, Engineers Syndicate, DeirEzzor, 2008-2011.
- Trainer of MS Project project planner, Engineers Syndicate, DeirEzzor, 2008-2011.
- Trainer of MS Project project planner, Engineers Syndicate, DeirEzzor, 2008-2011.
- Trainer of SAP, Etabs, Robot, Engineers Syndicate, DeirEzzor & Alhasakeh 2008-2011.
- Trainer of Fundamentals of PMP, GANAMA Trading & Contracting Company Ltd, www.ganama.com, Oil service company, DierEzzor, Syria, 2008.
- Trainer of Project Planning and Control using MS Project Professional, Toptex Company, textiles company, Aleppo, Syria.
- Trainer of Feasibility Study, DeirEzzor Municipality Engineers, DierEzzor, Syria, 2006-2010.
- Visitor Teacher of Fundamentals of Project Management, TOTAL and AlFurat oil company, DeirEzzor, 2010.

Courses and Professional Developments

Visiting Assistant Professor **Sep/2009 – June/2009**
Toulouse, France, Tempus Project,
Academic visit to France to establish a PhD school in Aleppo University

Conference paper and article as Assistant Professor **November, (2 – 8)/ 2008**
Aleppo, Syria, (IESC'2008)
Academic lecture in the conference

Publications

1. Mohammed Aljoma, Book, **Project Organisation & Management**, (2012-2013), for 5th year, Faculty of Technical Engineering, Aleppo University Publication, 310 Pages.
2. Mohammed Aljoma, Lectures **Design and engineering drawings: Autocad** (2007), for second year, Faculty of Civil Engineering, 41 Pages.
3. Aljoma M., J. C. M. (2003). **Un Système de Validation des Contraintes de Tâches Répétitives pour les Grands Bâtiments**. XXIIèmes Rencontres Universitaires de Génie Civil 2004 - Ville & Génie Civil, Paris, France.
4. Aljoma Mohammed, J. C. M. (2004). **A Scheduling Model For Repetitive Activities**. ARCOM 10th International Conference on Design Sciences & Technology, Edinburgh, UK.
5. Aljoma Mohammed, J. C. M. (2004). **Towards a new approach of scheduling the repetitive activities in multi-storey buildings**. DMUCE 4TH INTERNATIONAL CONFERENCE, PORTO, Portugal.
6. Aljoma Mohammed, J. C. M. (2005). **Applying Genetic Algorithms for Optimisation of Repetitive Activities Scheduling**. EuropIA.10, Damascus - Syria.
7. Aljoma Mohammed, J. C. M. (2006). **Applying Genetic Algorithms for Optimisation of Repetitive Activities Scheduling**, International Journal of Design Sciences and Technology, Volume 13 Number 2, P. (113-131).
a. <http://europia.org/IJDST/vol13.html>
8. Aljoma Mohammed (2008). **Towards a New Genetic Algorithms for Optimising Scheduling of Repetitive Activities in High-rise Buildings**, The first International Engineering Sciences Conference (IESC'2008), November (2 – 8), 2008, Aleppo, Syria
9. Aljoma Mohammed, (2007). **Techniques d'Optimisation des Algorithmes Génétiques**, Jours Scientifiques de la Fac de Génie Civil, Université d'Alep, Avril 24-26, 2007, Alep, Syria.
10. سهيل الجنزير، محمد رشاد الجمعة، حمود ملوك، (2010)، "السلامة المهنية في المشاريع الإنشائية"، مجلة بحوث جامعة حلب
11. نبيل عدس، محمد رشاد جمعه، ربا نعسان، (2011) "تطوير نموذج لتحسين إنتاجية اليد العاملة في تشييد المباني"، مجلة بحوث جامعة الفرات

References

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3. Dr. Pascal PERROTIN, work in LOCIE, Univerite de Savoie, Chambéry, France.

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5. Mrs Nicole Henriet, work in LOCIE, Univerite de Savoie, Chambéry, France.

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6. Jean-Claude MANGIN, Supervisor of theses of Dr. Mohammed Aljoma

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7. Mme Lamis HOUSSENO, PhD

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Additional Information

Nationality : Syrian

Sports : Football, bicycle, running.

Hobbies : Reading, Cooking

License B

Married – Two children (Rashad 5.5 Years, Celine 4 Years)

Available directly