

Ali ISTANBULLU
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Doctor Engineer

Academic Experience

Sep 2017 – Till now **Assistant professor in Construction Management - A`Sharqiyah University**
– Ibra - Oman

Teaching activities (Undergraduate level Courses)

- Building Information Modeling
- Construction Technology
- Construction Equipment
- Construction Methodology
- Construction Law
- Contract Administration
- Engineering Project Management
- Engineering Drawing
- Engineering Economics
- Managing Engineering Organization

Sep 2018 – Aug.2022 **Head of Civil & Environmental Engineering Department - A `Sharqiyah University**
– Ibra - Oman

Sep. 2016 – Aug. 2017 **Assistant professor in Construction Management** – Hasan Kalyoncu
University – Gaziantep – Turkey

Teaching activities (Postgraduate level Courses)

- Project Planning and Control

Undergraduate level Courses:

- Construction Management
- Site Planning
- Engineering Economy
- Technical Drawing
- ESP (English for Specific Purposes)
- Graduation projects

Oct. 2011-Jun. 2015

Aug. 2004 – Aug. 2008 **Assistant Professor in Construction Management**– Faculty of Civil
Engineering – Aleppo University

Teaching Activities (Postgraduate level Courses)

- Project Planning and Control
- Feasibility Studies in Construction
- Strategic Planning

Undergraduate level Courses:

- Project Management
- Operations Research

Supervisor of many research projects (Master students)

- Using optimization tools in construction industry
- Developing information system for doing feasibility studies in construction projects

- Creating planning templates for building projects
- Analyzing time – cost trade-off for construction projects

Supervisor of computer laboratories – civil engineering Faculty – University of Aleppo

2008 - 2010: **Vice-Dean of Civil Engineering Faculty** – Al-Furat University - Raka – Syria

Responsibilities include:

- Manage available human and material resources.
- Needs identification (laboratories equipment, maintenance, budget, etc.)
- Ensure good administrative conditions for students and employees.

2014 - 2015 **Committee member in a Tempus Joint Project** involving partners from Syria, France, Germany and the UK.

Activities: Establishing a Center of Excellence for Research and Training in Construction and Environment at Damascus University

2003 – 2006 **Committee member in a Tempus Joint Project** between Aleppo University and three European Universities: Strathclyde (England), Munich (Germany) and Savoy (France).

Activities: Developing an MSc curriculum in Construction Management.

2000 – 2004 **Researcher – Preparation of PhD in Civil Engineering - Construction Management**

Laboratory of Design Optimization and Environmental Engineering – Savoy University - FRANCE

Included activities:

- Analyzing possible optimization methods to optimize typical floor network and construction planning
- Developing hybrid optimization system using Genetic Algorithm with Constraint Satisfaction Problem (GA&CSP)
- Using Visual Basic programming language with AutoCAD
- Participating in PhD students training courses and seminars.

1996 - 1998 **Lecturer in the Faculty of Civil Engineering – Aleppo University**

Topic: Project Management

Professional Experience

17 - 21 September 2023 **Trainer - Building Information Modelling Using Revit Architecture**
40 hours training course for faculty members in the International College of Engineering and Management – Muscat.

28–30 November 2023 **Trainer – Project Management using Microsoft Project**
30 hours training course for engineers in North Sharqiyah Governorate – Ibra.

05-23 July 2023 **Trainer – Project Planning & Control using Primavera P6**
30 hours online training course for A ‘Sharqiyah University graduate engineers.

22 Oct. to 12 Nov. 2018 **Trainer - Building Information Modelling Using Revit Architecture**
30 hours training course for Alumni in A ‘Sharqiyah University – Ibra

Aug. 2015 – July 2016

Nov. 2010 – Sep. 2011: **Projects Manager - EURL TGCTP** – a company specialized in civil engineering and petroleum projects – Algeria – www.tgctp.com

Responsibility: managing company's resources to meet business needs and ensure that all projects' objectives are met.

- Pipeline projects
- Infrastructure development projects
- Temporary site facilities projects
- High scale construction project (refinery, power station, etc.)
- Building projects

Main Projects:

- **Client:** British Petroleum - **Activity:** Civil Works in In Salah GAZ Project - **Value:** 37 000 000 USD - **Duration:** 4 years
- **Client:** Defense Ministry - **Activity:** Military Cities Construction - **Value:** 50 000 000 USD - **Duration:** 5 years
- **Client:** Sonelgaz / GRTG - **Activity:** Pipeline Projects - **Value:** 32000 000 USD – **Duration:** 2 years
- **Client:** CONDOTT D'ACQUA Spa - **Activity:** Highway Project - **Value:**27 000 000 USD – **Duration:** 2 years
- **Client:** IBERDROLA INGENIRA Y CONSTRUCCION SA - **Activity:** Civil Works and Steel structure construction (6000 Ton) - **Value:** 70000 000 USD – **Duration:** 3 years

Sep. 2008 – Sep 2010: **Projects Manager - Al-Furat University** – Syria

Responsibility: Controlling all construction and rehabilitation projects which belong to Al-Furat University in Raka city - Syria.

- Infrastructure development projects
- Land leveling and fencing projects
- Construction of new buildings
- Rehabilitation of old buildings

2004-2009 **Trainer - Project planning and Control - Feasibility studies – Construction Management**
40 hours training courses for engineers in public and private sectors in Aleppo - Syria

2004- 2005 **Planning Engineer - Al-Andalus University for Medical Science**
Responsibility: The development of Construction Planning for Al-Andalus University - Tartus - Syria

1998 - 1999 **Engineer in SPIE-TONDELLA - Company Specialized in Construction – FRANCE**
Activity: Analyzing factors which influence the productivity on construction site in a way to establish an optimization tool and improve the use of resources.

1993 – 1994 **Site Engineer**
Land leveling project in the area of cotton gin – Aleppo – Syria

Education

08/06/2004 **PhD. in Civil Engineering - Construction Project Management**
Laboratory of Design Optimization and Environmental Engineering – Savoy University - FRANCE
Research's subject: The use of artificial intelligence in planning optimization

1998 – 1999 **D.E.A. (Master) in Building Design and Urban Techniques**

INSA Lyon & ESIGEC - FRANCE

Average: 13/20

- 10/07/1994 **B.Sc. in Civil Engineering**
Department of Construction Management – Faculty of Civil Engineering –
Aleppo University
Average: 71/100
- 4-8/9/2005 **Intensive Feasibility Studies Course**
European Business Center for Development & Training - Damascus
- 01/02/2009 **HDD French Certificate (Research Management Ability Certificate)**
Perpignan University (France) and Aleppo University (Syria)
Research Title: Successful project management
- 09-13/12/2007 **Workshop: Internet Network Management using GNU/Linux,**
Agence universitaire de la francophonie (AUF) - Campus numérique
Francophone d'Alep
- June - 2001 **Intensive Internet & networks Course**
Savoy University – Annecy – France
- 1996 - 1997 **Intensive English Course “500 hours”**
English Language Advisory Center, University of Aleppo
- 1997 - 1998 **Intensive French Course “700 hours”**
Consultative Center for French Education, University Of Aleppo

Publications

BIM Digital twins environment to enhance construction process.

Ali Istanbulu, Sam Wamuziri, Mohammed Siddique In IOP Conference Series: Earth and Environmental Science (Vol. 1055, No. 1, p. 012006). IOP Publishing DOI: <https://doi.org/10.1088/1755-1315/1055/1/012006> - July 2022

Developing a tool for designing and calculation wastewater treatment plant for small and medium settlements

Mohamed dai, Ali Istanbulu, Thanaa Layla, Res. J. of Aleppo Uni. Engineering Science Series – Vol. 4 – 2013

Structural Analysis Methods of Precast Hollow Core Slabs-Operational& economical Study

Muhammad Suffo, Ali Istanbulu, HibaAlwan, Res. J. of Aleppo Uni. Engineering Science Series – Vol. 84 - 2010

A new Information system to conduct feasibility studies in touristy construction project

Ali Istanbulu, Annual symposium on the Role of IT in Monument Conservation and Tourism", Syrian Computer Society – Idleb – 11-12 May 2008

Principles of Successful Project Management

Ali Istanbulu, Scientific days in the Faculty of Civil Engineering, Aleppo University, April 24-26, 2007, Aleppo

The Use of Artificial Intelligence Techniques to Support Engineering Decision Making

Ali Istanbulu, Scientific days in the Faculty of Civil Engineering, Aleppo University, April 18-20, 2006, Aleppo

Une méthode d'optimization des cycles gros-œuvre pour une production « durable » des bâtiments.

Ali Istanbuli, Jean-Claude Mangin, Le Développement Durable en Génie Civil, AUGC 2 & 3 Juin 2003, LA ROCHELLE, 373 – 380.

An Optimisation System for Repetitive Activities Using Genetic Algorithms

Ali Istanbuli, Jean-Claude Mangin, International Conference on Computational Engineering in Systems Applications (CESA2003), Lille – France- July 9-11 2003

Use of Genetic Algorithms to Optimise the Erection Cycles on Building Sites.

Ali Istanbuli, Jean-Claude Mangin, The 3rd International Conference on Decision Making in Urban and Civil Engineering, 6-8 November 2002, London.

Optimum Planning for Repetitive Cycles

Ali Istanbuli, Jean-Claude Mangin, International Conference on Artificial Intelligence and Applications, Malaga, Spain, September 9-12, 2002.

Skills

Tools:

Primavera P6, MS-Project, AutoCAD, Revit, Robot, Microsoft Office.

Programming languages:

Visual FORTRAN, Visual Basic, Visual C++, PHP

Languages:

English: excellent

French: excellent

Arabic: excellent

Additional Information

Nationality: Turkish

Military service: completed

Date of birth: 01/02/1972

Married – Four children

Private Driving License – Type (B)