

MAHER KHOURY, PhD

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EDUCATION	<ul style="list-style-type: none">• Ph.D. in Soil Mechanics, Université Lille 1 Sciences et Technologies. Lille, France, 1976• M.S. in Geotechnical Engineering, Université Lille 1 Sciences et Technologies. Lille, France, 1973• B.S. in Civil Engineering, Aleppo University. Aleppo, Syria, 1971		
PROFESSIONAL	<u>Bureau d'Etudes Géotechniques, Aleppo – Syria</u>		
EXPERIENCE	Founder and Senior Principal	1977 - 2012	
	<ul style="list-style-type: none">• Founded and directed an engineering office offering geotechnical consulting services• Oversaw technical operations, including the evaluation of results, the formulation of geotechnical recommendations and the design of foundations• Managed the administrative activities of the office• Created and managed a private soil mechanics laboratory to determine the geotechnical, physical, chemical and mechanical characteristics• Established and managed three field investigation units equipped with drilling machines and assigned the responsibility of conducting geotechnical field investigations <p>The Bureau d'Etudes Géotechniques, along with its affiliated soil mechanics laboratory and field investigation units, are registered with the Order of Syrian Engineers. The office undertook hundreds of geotechnical studies for both private and public companies and conducted soil investigations and laboratory tests on behalf of foreign companies in Syria for major projects such as bridges, highways, gas pipeline, power plant, land development and civil infrastructures.</p>		
PROFESSIONAL	<ul style="list-style-type: none">• Affiliate Member of the American Society of Civil Engineering (Aff. M. ASCE)		
ASSOCIATION	<ul style="list-style-type: none">• Member of the local chapter of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)		
MEMBERSHIPS	<ul style="list-style-type: none">• Member of the Order of Syrian Engineers		
PROFESSIONAL	<u>National Geotechnical Committee, Order of Syrian Engineers, Damascus, Syria</u>		
LEADERSHIP	Committee member	1994 – 2010	Chairman 1999 - 2001
POSITIONS	<ul style="list-style-type: none">• Determined the international technical standards to be followed in Syria and instituted national geotechnical norms• Harmonized the geotechnical practices between various Syrian governorates• Ascertained the civil and penal responsibilities of geotechnical engineers and established the rules that govern relations between geotechnical engineers and their counterparts in other engineering disciplines		

- Liaised with the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)
- Facilitated links with Syrian universities to bridge the gap between academia and practice in the profession

Geotechnical Committee of Aleppo, Order of Syrian Engineers, Aleppo, Syria

Chairman 1989 - 2010

- Prepared technical directives for practitioners, taking into account the specific soil formations in Aleppo
- Conducted the continuing education of engineers by offering conferences on soil mechanics and organizing seminars on the role of geotechnical engineers
- Oversaw the proper application of geotechnical standards in projects undertaken by practitioners in Aleppo
- Provided geotechnical consultations in cases of conflict
- Conducted examinations for entry into the profession of aspiring geotechnical engineers by testing their technical proficiency levels

Public Safety Committee, Aleppo Governorate, Aleppo, Syria

Committee member responsible for geotechnical issues 1997 - 2008

- Determined geotechnical causes of building failures
- Proposed directives to competent authorities so as to minimize the risks emanating from geotechnical issues
- Helped ensure that buildings meet the civil engineering technical requirements of safety and do not constitute a public risk
- Identified precautionary measures to counter the disastrous impact of cavities specific to the calcareous formations in Aleppo

Master's Jury Member, Syrian Universities

Jury member 1999 - 2003

Served as the geotechnical practitioner expert on the admissions jury for Master's students presenting their final projects

LANGUAGES	Arabic	Fluent in Modern, Standard and Levantine dialect
	French	Fluent
	English	Professional working proficiency

NATIONALITY	Citizen of the Syrian Arab Republic
	Citizen of the United States of America

HIGHLIGHTED PROJECTS

The Bureau d'Etudes Geotechniques has contributed to the geotechnical studies of several major projects in Syria in different domains such as:

Civil infrastructure

- Construction of the cement plant in Northeastern Aleppo on behalf of Orascom Construction Industries (Egypt) in 2007
- Water loss reduction project in Aleppo on behalf of Dorsch International Consultants (Germany) in 2011
- Taj Halab touristic complex study in Aleppo on behalf of Mace International Limited (UK) for Bena properties (Syria) in 2010
- Construction of wheat silos at different sites in northern Syria on behalf of Fortschritt-Landmaschinen (Germany) in 1986

Transportation

- Damascus-Jordanian border railway study on behalf of ECGroup for Italferr (Italy) in 2006
- Construction of bridges and viaducts for the Ariha-Lattakia highway on behalf of Consultancy group for M. A. Al-Kharafi (Kuwait) from 2003 to 2007
- Highway development study for Northeastern Syria, site investigation for bridges, on behalf of Dar Al-Handasah, Shair and Partners (Lebanon) in 1982
- Aleppo-Hassaké highway study and work supervision and Homs bypass on behalf of Dar Al-Handasah Nazih Taleb (Lebanon) from 1979 to 1981

Land Development

- Development of 16,000 hectares in the Khabour Valley on behalf of the Bureau Technique de Développement B.T.D. (Lebanon) from 2007 to 2011
- Development of 27,000 hectares in the Euphrates Valley on behalf of G. Cat Jersey Limited (UK) from 2004 to 2008
- Lower Euphrates Valley development on behalf of Gersar-Cnabrl (France) from 1987 to 1989

Energy

- Construction of the electrical power plant in Northeastern Aleppo on behalf of S.C.C. of Lafarge (France) in 2008
- Construction of the Aleppo thermal power plant at Jibrin on behalf of the Attassi Group for Mitsubishi Heavy Industries Ltd.(Japan) in 2000
- Construction of the training center of the electrical power plant in Jandar on behalf of Pacific Consultants International (Japan) in 1996
- Construction of the integrated project DezGas in Deir El-Zor on behalf of the Oweiss Group for ConocoPhillips Syria Dez. Gas Ltd (USA) in 1995
- Construction of the electrical power plant in Jandar on behalf of Oyo Corporation for Mitsubishi Heavy Industries Ltd. (Japan) in 1991