

“MOHAMMAD AZZAM” S. GHAZAL

KEY QUALIFICATION

Assistant Professor in Civil Engineering. Member of the College of Engineering at An-Najah N. University, Nablus since its establishment. Head of the Civil Engineering Department 1998 – 2000. Broad knowledge in the field of soil studies and evaluation in addition to foundation analysis and design. Strong background in the area of environmental treatment of soils, soil stabilization techniques. Teaching experience for about 30 years in An-Najah National University. Nablus, Palestine and Pennsylvania State University. USA. Trainer in soil testing for selected engineers from Gaza. Consulting on more than 40 large scale projects on soil and foundation engineering, highway and transportation engineering, and water and waste water engineering in all parts of West Bank and Gaza.

EDUCATION

1995	2 month’s Research in the Design of Landfills Technical University Braunschweig, Germany
1986 – 1992	Ph.D. in Geotechnical and Foundation Engineering Pennsylvania State University, USA
1976 – 1981	Diploma in Civil Engineering (M.Sc.) Kharkov Civil Engineering Institute, USSR

LANGUAGES

**Arabic (Native Language)
English (Fluent)
Russian (excellent)**

REGISTRATION

Jordan Engineering Union No. 2942, 1981

STUDY AND RESEARCH SUPPORT

1995	DAAD (Deutscher Akademischer Austauschdienst)
1990 – 1992	Pennsylvania State University, USA
1985 – 1990	AMIDEAST (American Middle East Educational and Training Services)
1975 – 1981	Russian – Jordan Friendship Committee

TEACHING EXPERIENCE

- 1992 – present** **Assistant Professor, Civil Engineering Department
An-Najah N. University. Nablus, Palestine**
*Courses taught &
Research Projects
Conducted* Basic Soil Mechanics. Advanced Soil Mechanics. Foundation
Engineering. Advanced Foundation Engineering. Construction
Materials. Engineering Geology. Computer Applications for
Engineers. Introduction for Computing. Introduction for
Engineering. Descriptive Geometry. Engineering Drawing.
Engineering and Society.
- 1990 – 1992** **Teaching and Research Assistant
Pennsylvania State University, USA**
*Courses taught &
Research Projects
Conducted* Basic Soil Mechanics. Soil Mechanics Lab. Construction Materials
Construction Materials Lab. 2.5 years' project on Soil Stabilization
by Heating
- 1981 – 1985** **Instructor, Civil Engineering Department
An-Najah N. University. Nablus, Palestine**
*Courses taught &
Research Projects
Conducted* Engineering Geology, Introduction to Engineering
Descriptive Geometry
Engineering Drawing

ACADIMIC EXPERIENCE

- 2007 – present** **Member,** College of Engineering Council. An-Najah N.
University. Nablus, Palestine
- 1999 – 2000** **Member,** College of Graduate Studies Council. An-Najah N.
University. Nablus, Palestine
- 1999 – 2000** **Member,** The Organizing Committee, The Palestinian Engineering
Conference 2000. An-Najah N. University. Nablus, Palestine
- 1999** **Member,** Committee for the Establishment of the Graduation Plan
for Graduate Studies in Earthquakes and Geosciences Engineering.
An-Najah N. University. Nablus, Palestine
- 1998 – 2000** **Member,** College of Engineering Council. An-Najah N.
University. Nablus, Palestine
- 1998 – 2000** **Head** of Civil Engineering Department. An-Najah N. University.
Nablus, Palestine
- 1996 – 1997** **Member,** Committee for the Establishment of the Graduation Plan
for Civil Engineering Department. An-Najah N. University.
Nablus, Palestine
- 1994 – 1995** **Member,** College of Engineering Council. An-Najah N.
University. Nablus, Palestine
- 1993** **Member,** The Organizing Committee, The First Palestinian
Conference in Civil Engineering. An-Najah N. University. Nablus,
Palestine

PROFFESIONAL EXPERIENCE

- 1997** A presentation on **Problems of Soils in Jenin and their Solutions**. Sponsored by Engineering Union, Jenin Chapter. Jenin
- 1997** A presentation on the **Importance of Soil Studies in the West Bank**. Conference at An-Najah N. University. Sponsored by Ministry of Local Authority, Municipality of Nablus, Engineering Union, and An-Najah N. University.
- 1994** A presentation on **Soil Problems and their Solutions**. Bethlehem University. Sponsored by UNRWA and Engineering Union. Bethlehem.
- 1994** Preparing and conducting of a **Special Training Program in Soil Mechanics Laboratory Tests** for selected engineers from Gaza at An-Najah N. University. Sponsored by AMIDEAST and Engineering Association of Gaza.

AWARDS

- 1976** **First place** award for drawing and essay writing. Kharkov Polytechnic Institute
- 1996 - 1997** **Supervision** on Osama Saleh's Invention of a computerized Consolidation Test Apparatus. Awarded by President Yaser Arafat.
- 1999 – 2000** **First place** award for the best Graduation Project in CE Department. An-Najah N. University. Nablus

PUBLICATIONS

- Ghazal, M.S. “ Soil Mechanics Laboratory Test Manual ”.** An-Najah N. University. Nablus. 1994
- Ghazal, M.S. and Mushtaha, A.M. “ Computer Software for Soil Mechanics Laboratory Tests, SMLT.1 “.** An-Najah N. University. Nablus. 1996

CONSULTING SERVICES

- 1995 – 1996** **The Geotechnical Consultant** for projects of Beit Al-Mal Holdings. Ramallah
- 1993 – 2001** **Supervision** of the Geotechnical Engineering Division, Universal Group for Engineering and Consulting. Nablus
- 1993 – 2001** **Consultation** Services for more than 30 various projects in the field of Soil Investigation and Foundation Design in Gaza and the West Bank, Palestine
- 1993 – 2001** **Consultation** Services for more than 10 major projects in the field of Wastewater Treatment Engineering and Highway and Traffic Engineering in the West Bank, Palestine