

YAHYA SALEH

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PERSONAL DATA

Date of Birth: 19/04/1977
Place of Birth: Nablus – Palestine
Nationality: Palestinian
Marital Status: Single

EDUCATION

- 2005-2011 **PhD in Industrial Engineering**
Bilkent University, Ankara, TÜRKİYE
*Dissertation: Centralized and Decentralized Management of Water
Resources with Multiple User*
*Supervisors: Prof. Ülkü Gürler
Assoc. Prof. Emre Berk*
*Partially supported by the Turkish Council of Research and Science
(TUBITAK)*
- 2001-2003 **MSc in Industrial Engineering & Engineering Management**
University of Jordan, Amman, JORDAN
Thesis: Life Cycle Assessment of Packaging Materials of Soft Drinks
Supervisor: Asst. Prof. Mahmoud Abu Ali
Supported by the German Academic Service Exchange (DAAD) Program
- 1995-2000 **BS in Industrial Engineering**
An-Najah National University, Nablus, PALESTINE

PROFESSIONAL EXPERIENCE

Aug. 2011-Present **Assistant Professor, Industrial Engineering
Department, An-Najah National University, Nablus-
PALESTINE**

Sep. 2005-Jun .2011 **Teaching and Research Assistant , Industrial
Engineering Department, Bilkent University, Ankara-
TURKEY**

My duties included contribution in teaching the following
courses:

Undergraduate: MATH 250 Introduction to Probability,
MATH 260 Introduction to Statistics, IE342 Engineering
Economic Analysis, IE375 Production Planning, IE423
Forecasting Methods and Applications, IE434 Stochastic
Models in Operations Research, IE461 Supply Chain
Management

Graduate: IE521 Stochastic Processes, IE523 Probabilistic
Analysis, IE534 Stochastic Models in Operations Research,
IE571 Analytical Models in Supply Chain Management

Sep. 2003 – Dec. 2004 **Lecturer, Industrial Engineering Department, An-
Najah National University, Nablus- PALESTINE**

My duties involve teaching the following courses:

Operations Research, Engineering Economy, Human
Factors Engineering, Introduction to Industrial
Engineering, Computer Applications in Industrial
Engineering, Production Planning and Inventory Control,
Safety Engineering, Reliability and Maintenance
Engineering, Project Management and Network
Analysis, Systems Simulation, Safety Engineering Lab,
Human Factors Lab.

Oct. 2001 – Jun. 2003

Teaching and Research Assistant Industrial Engineering Department, University of Jordan, Amman- JORDAN

My duties included contribution in teaching the following courses:

Human Factors Engineering, Project Management, Systems Simulation, Engineering Economy, Methods Engineering, Management Information Systems

Sep. 2000-Sep. 2001

Teaching and Research Assistant, Industrial Engineering Department, An-Najah National University, Nablus-PALESTINE

My duties included contribution in teaching the following courses as well as the following labs:

Courses: Production Planning and Control, Manufacturing Processes, Operations Research, Engineering Economy, Reliability and Maintenance Engineering, Statistical Quality Control

Labs: Manufacturing Processes Lab, CAD/CAD Lab, Material Science and Metallurgy Lab, Safety Engineering Lab, Human Factors and Ergonomics Lab

Jun. 1999-Aug. 1999

Trainee, Industrial Details (ID) Consulting Company, Nablus-PALESTINE

Training Activities: Participating in the development and implementation of many production and quality management systems in different local Palestinian manufacturing and service organizations, Conducting Market Surveys, Operations Improvement. ISO 9001, Internal Quality Auditing

Jun. 1998-Aug. 1998

Trainee, National Aluminum Profiles Company (NAPCO), Nablus-PALESTINE

Training Activities: Applying the tools of statistical quality control on the company's main products (Aluminum profiles) by developing quality control charts of anodized and powder-coated Al- profiles

SCHOLARSHIPS AND AWARDS

- The German Academic Exchange Service (DAAD) Scholarship for Master Degree for two years, 2001 - 2003. The scholarship included the tuition fees and living expenses
- Assistantship from Industrial Engineering Department, Bilkent University, 2005-2011. The scholarship included the tuition fees and partial living expenses
- Dean list of Honor for four semesters, Industrial Engineering Department, University of Jordan, 2001 – 2003
- Graduated with the highest cumulative GPA of 4.0/4.0, Department of Industrial Engineering, University of Jordan, August 2001
- Dean list of Honor for ten semesters, Industrial Engineering Department, An-Najah National University, 1995 – 2001
- Graduated with the highest cumulative GPA of 92.5% in a class of 35, Department of Industrial Engineering, An-Najah National University, June 2000

RESEARCH INTERESTS

- Operations Research
- Applied Game Theory
- Supply Chain Management
- Dynamic Programming
- Water Resources Optimization and Management
- Life Cycle Assessment of Products/Services
- Human Factors & Ergonomics

PUBLICATIONS

Published

- Y. Saleh, Ü. Gürler, Emre Berk, **Centralized and Decentralized Management of Groundwater with Multiple Users**, *European Journal of Operational Research*, Vol. 215, Issue 1, 16 November 2011, Pages 244-256.
- Y. Saleh, Ü. Gürler, Emre Berk, **Centralized and Decentralized Management of Groundwater**, June 2010, Technical Report, Industrial Engineering Department, Bilkent University, Ankara, Turkey.
- A. Ramahi, Y. Saleh, **Design and Fabrication of a Deep Drawing Machine: Experimental Study of Drawing Force vs Drawing Stroke**, *The Seventh Jordanian International Mechanical Engineering Conference (JIMEC7)*, 27-29 Sep. 2010, Amman, Jordan.

Ongoing

- Y. Saleh, Emre Berk, Ü. Gürler, **Centralized and Decentralized Management of Conjunctive Use of Surface and Groundwater**, *to be submitted*.
- Y. Saleh, Ü. Gürler, Emre Berk, **Management of a Groundwater Aquifer with Grid Configuration: Short Communication**, *to be submitted*.

CONFERENCES

- **On Management Schemes of Groundwater**, *XXI. National Mathematical Symposium*, 1-4 Sep. 2008, Koç University, Istanbul, TURKEY.
- **Centralized and Decentralized Management of Groundwater**, *29th National Conference of Operations Research and Industrial Engineering (YAEM)*, 22-24 June, 2009, Bilkent University, Ankara, TURKEY.
- **Centralized and Decentralized Management of Groundwater with Multiple Users**, *23rd European Conference on Operational Research*, 5-8 July, Bonn, GERMANY.
- **Management Schemes of Groundwater with Multiple Users**, *Operations Research and Industrial Engineering PhD Students' Colloquium*, 20-21 Nov. 2009, Bilkent University, Ankara, TURKEY.
- **Centralized and Decentralized Conjunctive Water Use Management**, *30th National Conference of Operations Research and Industrial Engineering (YAEM)*, 30 Jun.-2 Jul., 2010, Sabancı University, Istanbul, TURKEY.

WORKSHOPS

- **First Annual Workshop on Supply Chain and Logistics**, 22 Jun. 2007, Industrial Engineering Department, Bilkent University, Ankara, TURKEY.
- **Second Annual Workshop on Supply Chain and Logistics**, 20 Jun. 2008, Industrial Engineering Department, Bilkent University, Ankara, TURKEY.
- **Third Annual Workshop on Supply Chain and Logistics**, 21 Jun. 2009, Industrial Engineering Department, Bilkent University, Ankara, TURKEY.
- **Fourth Annual Workshop on Supply Chain and Logistics**, 25 Jun. 2010, Industrial Engineering Department, Bilkent University, Ankara, TURKEY.
- **Fifth Annual Workshop on Supply Chain and Logistics**, 17 Jun. 2011, Industrial Engineering Department, Bilkent University, Ankara, TURKEY.
- **Workshop on Allocation Problems**, 29 Jun. 2011, Department of Economics, Bilkent University, Ankara, TURKEY.
- **4th Ankara Mathematical Days**, 4-5 Jun. 2009, Middle East Technical University, Ankara, TURKEY.

- **5th Ankara Mathematical Days**, 3-4 Jun. 2010, TOBB Economy and Technology University, Ankara, TURKEY.
- **6th Ankara Mathematical Days**, 2-3 Jun. 2011, Hacettepe University, Ankara, TURKEY.
- **Unilever Chain Reaction Gathering**, 7 May 2010, Boğaziçi University, Istanbul, TURKEY.
- **Unilever Chain Reaction Gathering**, 7 Jan. 2011, Sabancı University, Istanbul, TURKEY.
- **Unilever Chain Reaction Gathering**, 18 Mar. 2011, Koç University, Istanbul, TURKEY.

GRADUATION PROJECTS SUPERVISION

As a part of my work as an instructor of Industrial Engineering, I have supervised the following graduation projects in the undergraduate level:

- *Sep. 2003 – Jun. 2004*: Life Cycle Assessment of Olive Oil Tin and Plastic Gallons in Palestine.
- *Sep. 2003 – Jun. 2004*: Prevalence of Cumulative Trauma Disorders in Palestinian Textile Industries.
- *Sep. 2004 – Dec. 2004*: Conditions Affecting Project Management in Palestinian Public and Private Sectors.
- *Sep. 2004 – Dec. 2004*: Balanced Score Card of Human Resources Department at Palestinian Mobile Company (Jawwal).
- *Sep. 2004 – Dec. 2004*: Effects of Industrial Noise on the Performance of Workers in Palestinian Industries.

MEMBERSHIPS

- The Continuous Optimization Group of EURO (EUROPT)
- Operational Research Society of Turkey (YAD)

COMPUTER SKILLS

- Programming Languages: FORTRAN, C.
- Software: MS-DOS, Win Word, Excel, Power Point, Access.
- Analysis Platforms: MATLAB, ARENA
- LATEX
- Statistical Analysis: SPSS
- Facilities Planning: ALDEP, CORELAP, CRAFT
- Project Management: MS- Project

- Optimization: TORA, QSB+, LINDO, GAMS

LANGUAGES

- *Arabic* (mother language)
- *English* (fluent)
- *Turkish* (fluent)

INTERESTS

- Literature
- Documentary Programs
- History
- Classical Music
- Cinema
- Travelling
- Ping Pong
- Basketball

Updated: August, 2011