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DATE OF BIRTH : February 1968
PLACE OF BIRTH : Istanbul, Turkey
NATIONALITY : Turkish
FOREIGN LANGUAGES : Fluent in English and French.

EDUCATION:

1991 - 1994 [Istanbul Technical University](#), Istanbul, Turkey

Ph.D. in Industrial Engineering, June 1994.

1989 - 1991 [University of Southern California](#), Los Angeles, CA

M.S. in Industrial & Systems Engineering, August 1990; GPA = 3.97 out of 4.0.

Additional Ph.D. program course work is completed from 1990 to 1991.

1985 - 1989 [Istanbul Technical University](#), Istanbul, Turkey

B.S. in Industrial Engineering, July 1989.

1978 - 1985 [Istanbul American Robert College](#), Istanbul, Turkey

High School Diploma, June 1985.

PROFESSIONAL EXPERIENCE:

12/2001 – Present Industrial Engineering Department, Galatasaray University, Istanbul
Professor of Industrial Engineering.

10/1996 – 12/2001 Industrial Engineering Department, Galatasaray University, Istanbul
Associate Professor of Industrial Engineering.

11/1996 – 03/1997 Université Paris-Dauphine, Paris, France

Visiting Scholar at the *Institut Finance*.

10/1994 – 10/1996 Industrial Engineering Department, Galatasaray University, Istanbul
Assistant Professor of Industrial Engineering.

05/1992 – 12/1993 Yapi Kredi Bank, Head Office, Istanbul, Turkey

Associate Consultant in the Strategic Planning Group.

01/1990 – 12/1990 University of Southern California, Los Angeles, CA

Teaching assistant.

ADMINISTRATIVE POSITIONS:

04/2015 – Present Rector

02/2015 – 04/2015 Acting Rector

01/2008 – 02/2015 Vice Rector for Academic Affairs

06/2014 – 05/2015 Chair of Industrial Engineering Department

04/2008 – 04/2014 Dean of the Faculty of Engineering and Technology

04/2008 – Present	Member of the University Executive Board
01/2009 – 04/2015	Chair of the Academic Evaluation and Quality Progress Committee (ADEK) at Galatasaray University
1997 – Present	Co-chairholder of the UNESCO Chair in Computer-Integrated Manufacturing established at Galatasaray University
1994 – Present	Member of the University Senate (Academic Council)
1994 – 09/2009	Founding Chair of Industrial Engineering Department
06/1997 – 04/2008	Director of the Graduate Institute of Science and Engineering
09/1995 – 09/2000	Associate Dean of the Faculty of Engineering and Technology

COURSES TAUGHT:

- Undergraduate Level
 - Operations Research I
 - Operations Research II
 - Decision Analysis
 - Engineering Economy (lectures given in English)
 - Financial Management
- Graduate Level
 - Linear Programming and Extensions
 - Multiple Criteria Decision Making (lectures given in English)
 - Mathematical Programming (lectures given in English)
 - Applied Operations Research
 - Advanced Engineering Economy (lectures given in English)
 - Investment Decision Making (lectures given in English)
 - Investment Decision Models under Uncertainty (lectures given in English)
 - Product Development & Process Management (lectures given in English)
 - Managerial Finance (lectures given in English)
 - Graduate Seminar

SUPERVISED PH.D. THESES:

Student Name: Melis Almula Karadayi
 Thesis Title: Using Multi-Criteria Decision Making Approaches for Evaluating Health Care Performance of Districts in Istanbul
 Completion Date: April 2017

Student Name: Mehtap Dursun Usta
 Thesis Title: Multi-Criteria Decision Making Approaches for Supplier Selection
 Completion Date: February 2013

Student Name: Zeynep Sener
 Thesis Title: Decision Making Approaches for Software Quality Function Deployment
 Completion Date: February 2010

Student Name: Cumhuriyet Okan Ozogul
Thesis Title: A Real Options Approach for Valuation of Enterprise Resource Planning Systems: Implementation of Hospital Information System
Completion Date: February 2008 (co-advisor: Prof. Ethem Tolga)

SUPERVISED MASTER'S THESES:

Student Name: Melis Almula Karadayi
Thesis Title: Evaluating Health-Care Waste Disposal Alternatives for Istanbul Using Fuzzy Multi-Criteria Decision Making Approaches
Completion Date: June 2009

Student Name: Mehtap Dursun
Thesis Title: Evaluating Solid Waste Management Scenarios Using Fuzzy Multi-criteria Decision Making Approaches
Completion Date: June 2007

Student Name: Ismail Ozgur Baykal
Thesis Title: Application of Multiple Criteria Decision Making Methods to the Personnel Selection Problem
Completion Date: January 2007

Student Name: Zeynep Yilmaz Sener
Thesis Title: Applications of Fuzzy Regression and Fuzzy Optimization to Technology Selection Problems
Completion Date: June 2005

Student Name: Mehmet Hakan Akyuz
Thesis Title: A Fuzzy Data Envelopment Analysis Approach to the Supplier Selection Problem
Completion Date: June 2005

Student Name: Burcak Ozbayraktar
Thesis Title: Application of Quality Function Deployment in Durable Goods Industry
Completion Date: January 2005

Student Name: Yavuz B. Turkogullari
Thesis Title: A New Fuzzy Multiple Objective Decision Making Procedure for Information System Project Selection
Completion Date: January 2004

Student Name: S. Sebnem Ahiska
Thesis Title: Applications of Imprecise Data Envelopment Analysis
Completion Date: June 2003

Student Name: A. Gokhan Kursun
Thesis Title: Textile Machinery Selection Using Multi-criteria Decision Making Methods
Completion Date: June 2003

Student Name: Pinar Kaymaz
Thesis Title: Alternative Fuzzy Logic Approaches for Quality Function Deployment Applications
Completion Date: June 2003

Student Name: S. Emre Alptekin
Thesis Title: Analytical Approaches in Quality Function Deployment Process
Completion Date: June 2001

Student Name: Sevin Sozer
Thesis Title: The Application of Fuzzy Integral and Fuzzy Measure in Multiple Criteria Decision Making
Completion Date: June 2001

Student Name: Onur Kuzgunkaya
Thesis Title: Selecting a Flexible Manufacturing System (FMS) Using a Fuzzy Multi-Objective Programming Approach
Completion Date: June 2000

Student Name: Cumhuri Ozogul
Thesis Title: An Options Approach to Valuing Flexibility in Flexible Manufacturing Systems Investments
Completion Date: June 2000

Student Name: Tamer Ozyigit
Thesis Title: Evaluation of Relative Socio-Economic Performances of Developing Countries
Completion Date: January 2000

Student Name: Ceyda Kalyoncuoglu
Thesis Title: Inventory Control in a Fluctuating Demand Environment
Completion Date: June 1999

Student Name: Firuzan Iscan
Thesis Title: Performance Management by Data Envelopment Analysis Incorporating Weight Restrictions, Cross Efficiency and Window Analysis
Completion Date: June 1999

FUNDED RESEARCH PROJECTS:

Evaluating Healthcare Service Performance of Districts in Istanbul Using Clustering and Ranking Analysis, Principal Investigator, Galatasaray University Research Fund, Grant No. 17.402.008, 2017.

Common Weight DEA-Based Approach for Multidimensional Analysis of Human Development, Principal Investigator, Galatasaray University Research Fund, Grant No. 17.402.006, 2017.

Applications of Group Decision Making Approach Based on Quality Function Deployment and Fuzzy Weighted Average, Principal Investigator, Galatasaray University Research Fund, Grant No. 15.402.002, 2015.

Fuzzy Decision Making Approach for Health-care Performance Assessment in Istanbul, Principal Investigator, Galatasaray University Research Fund, Grant No. 14.402.001, 2014.

Decision Making Methodology for Evaluating and Selecting Energy Alternatives, Principal Investigator, Galatasaray University Research Fund, Grant No. 13.402.007, 2013.

An Integrated Approach for Supplier Evaluation and Selection using Quality Function Deployment and Data Envelopment Analysis, Principal Investigator, Galatasaray University Research Fund, Grant No. 12.402.001, 2012.

Multi-Criteria Decision Making Approaches for Supplier Selection, Principal Investigator, Galatasaray University Research Fund, Grant No. 10.402.018, 2010.

An Integrated Real Options and Fuzzy Multi-Criteria Decision Making Approach for Selecting an Advanced Manufacturing System, Principal Investigator, Galatasaray University Research Fund, Grant No. 10.402.014, 2010.

Evaluating Health-Care Waste Disposal Alternatives Using Multi-Criteria Decision Making Approach, Principal Investigator, Galatasaray University Research Fund, Grant No. 09.402.019, 2009.

A Decision Making Approach Based on Fuzzy Regression and Fuzzy Multiple Objective Programming for Advanced Manufacturing Technology Selection, Principal Investigator, Galatasaray University Research Fund, Grant No. 08.402.011, 2008.

An Integrated Quality Function Deployment and Fuzzy Regression-Based Optimization Framework for Selecting an E-business Software System, Principal Investigator, Galatasaray University Research Fund, Grant No. 08.402.003, 2008.

Valuation of Advanced Manufacturing System Investments Using Real Options Approach, Principal Investigator, Galatasaray University Research Fund, Grant No. 07.402.018, 2007.

A Common-Weight MCDM Framework for Decision Problems with Multiple Inputs and Outputs, Principal Investigator, Galatasaray University Research Fund, Grant No. 07.402.006, 2007.

Evaluating Solid Waste Management Scenarios Using a Fuzzy Multi-Criteria Decision Making Approach, Principal Investigator, Galatasaray University Research Fund, Grant No. 07.402.001, 2007.

Personnel Selection Using an MCDM Approach that Integrates Numerical and Linguistic Information, Principal Investigator, Galatasaray University Research Fund, Grant No. 06.402.009, 2006.

A Generalized Fuzzy Optimization Framework for R&D Project Selection Using Real Options Valuation, Principal Investigator, Galatasaray University Research Fund, Grant No. 06.402.001, 2006.

Choquet Integral-based Decision Making Approach for Robot Selection, Principal Investigator, Galatasaray University Research Fund, Grant No. 05.402.006, 2005.

Fuzzy Multi-Criteria Decision Making Approach for Transport Projects Evaluation in Istanbul, Principal Investigator, Galatasaray University Research Fund, Grant No. 05.402.002, 2005.

RESEARCH INTERESTS:

- Capital investment decision analysis
- Technology evaluation and selection
- Multiple criteria decision making
- Product development and quality function deployment (QFD)
- Supplier selection
- Waste management
- Real options
- Production economics

REVIEWING ACTIVITIES (Reviewer for the following academic journals):

- International Journal of Production Research
- International Journal of Production Economics
- Fuzzy Sets and Systems
- IEEE Transactions on Systems, Man and Cybernetics, Part A
- Computers & Industrial Engineering
- Computers & Operations Research
- Kybernetes
- Mathematical and Computer Modelling
- Applied Mathematical Modelling
- Proc. of the Inst. of Mechanical Engineers, Part B, Journal of Engineering Manufacture

- International Journal of Computer Integrated Manufacturing (IJCIM)
- International Journal of Information Technology & Decision Making (IJITDM)
- RAIRO - Operations Research
- Concurrent Engineering: Research and Applications
- International Journal of Environmental Science and Technology
- Mathematical Problems in Engineering
- International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems
- Production and Operations Management
- Robotics and Computer Integrated Manufacturing
- Journal of Intelligent Manufacturing
- Group Decision and Negotiation
- Lecture Notes in Computer Science
- Lecture Notes in Economics and Mathematical Systems
- The Engineering Economist
- Asia Pacific Management Review
- The Arabian Journal for Science and Engineering
- The Journal of Management & Engineering Integration
- Transactions on Operational Research
- Industrial Engineering Journal (Endustri Muhendisligi)

ACADEMIC HONORS & ACHIEVEMENTS:

- Academic Achievement Award from the Office for International Students and Scholars of the University of Southern California, 1990.
- Tuition Award from the Graduate School of the University of Southern California, 1990.
- First ranking graduate in the 1988-89 graduating class of the Industrial Engineering Department of Istanbul Technical University.

OTHER ACADEMIC ACTIVITIES:

- Cited over 1900 times in publications indexed within Web of Science (Source: ISI Web of Science Core Collection), and cited over 4200 times in publications indexed within Google Scholar.
- Ranked among the top scientists in his respective field, according to studies published in PLOS Biology in 2019 and 2020. The lists rank academics based upon research citation metrics across all scientists and disciplines.
- Guest Editor, 28th National Congress on Operational Research and Industrial Engineering (YA/EM'08) Special Issue, *Industrial Engineering Journal (Endustri Muhendisligi)*, Vol. 20, No.1, 2009.
- Member of the Editorial Board, *Journal of Advanced Manufacturing Systems*, World Scientific.
- External assessor to review proposals of academy research fellow posts for Academy of Finland, The Research Council for Natural Sciences and Engineering.
- External assessor to review research proposals for Swiss National Science Foundation (SNSF).
- External assessor to review research proposals for City University of Hong Kong.

- External assessor to review research proposals in Industrial Engineering and Operations Research for Scientific and Technological Research Council of Turkey (TUBITAK).
- External assessor to review postdoctoral research scholarship applications in Industrial Engineering and Operations Research for Scientific and Technological Research Council of Turkey (TUBITAK).
- Member of the evaluation committee of applicants for professor, associate/assistant professor and lecturer positions, and examiner for qualifying exams and member of dissertation committee of a number of Ph.D. students.

CONFERENCE ACTIVITIES:

- Organising Chair, *The 3rd Annual International Conference on Data Science and Business Analytics (ICDSBA 2019)*, Istanbul, 11-12 October 2019.
- Conference Committee Member of *The International Conference on Systems Engineering and Engineering Management (ICSEEM'17)*, World Congress on Engineering and Computer Science (WCECS 2017), San Francisco, USA, 25-27 October 2017.
- Conference Committee Member of *The International Conference on Systems Engineering and Engineering Management (ICSEEM'16)*, World Congress on Engineering and Computer Science (WCECS 2016), San Francisco, USA, 19-21 October 2016.
- Program Committee Member of *The 2016 International Conference of Manufacturing Engineering and Engineering Management (ICMEEM'16)*, World Congress on Engineering 2016 (WCE 2016), London, UK, 29 June-1 July 2016.
- Conference Committee Member of *The International Conference on Systems Engineering and Engineering Management (ICSEEM'15)*, World Congress on Engineering and Computer Science (WCECS 2015), San Francisco, USA, 21-23 October 2015.
- Scientific Advisory Board Member, *2nd Global Conference on Engineering & Technology Management (GCETM)*, Chicago, USA, 6-8 August 2015.
- Program Committee Member of *The 2015 International Conference of Manufacturing Engineering and Engineering Management (ICMEEM'15)*, World Congress on Engineering 2015 (WCE 2015), London, UK, 1-3 July 2015.
- Member of the Scientific Committee, *15th National Symposium on Production Research*, Izmir, Turkey, 14-16 October 2015.
- Member of the Scientific Committee, *14th National Symposium on Production Research*, Istanbul, Turkey, 3-5 September 2014.
- Scientific Advisory Board Member, *Global Conference on Engineering & Technology Management (GCETM)*, Istanbul, Turkey, 23-26 June 2014.
- Member of the Organizing Committee, *The International IIE Conference*, Istanbul, Turkey, 26-28 June 2013.
- Member of the Scientific Committee, *13th National Symposium on Production Research*, Sakarya, Turkey, 25-27 September 2013.
- Member of the Academic Advisory Board, *32nd National Congress on Operational Research and Industrial Engineering*, Istanbul, Turkey, 20-22 June 2012.

- Chair for "Decision Making in Management and Engineering" track, *IEMS 2012 Conference (International Conference on Industry, Engineering, and Management Systems)*, Cocoa Beach, Florida, USA, 26-28 March 2012.
- Member of the Scientific Committee, *11th National Symposium on Production Research*, Istanbul, Turkey, 23-24 June 2011.
- Chair for "Decision Making in Management and Engineering" track, *IEMS 2011 Conference (International Conference on Industry, Engineering, and Management Systems)*, Cocoa Beach, Florida, USA, 28-30 March 2011.
- Member of the Advisory Board, *30th National Congress on Operational Research and Industrial Engineering*, Istanbul, Turkey, 30 June-2 July 2010.
- Chair for "Decision Making in Management and Engineering" track, *IEMS 2010 Conference (International Conference on Industry, Engineering, and Management Systems)*, Cocoa Beach, Florida, USA, 8-10 March 2010.
- Member of the Program Committee, *2009 International Conference on Business Intelligence and Financial Engineering (BIFE'2009)*, Beijing, China, 24-26 July 2009.
- Member of the Advisory Board, *9th National Symposium on Production Research*, Eskisehir, Turkey, 15-17 October 2009.
- Member of the Program Committee, *29th National Congress on Operational Research and Industrial Engineering*, Ankara, Turkey, 22-24 June 2009.
- Chair for "Decision Making in Management and Engineering" track, *IEMS 2009 Conference (International Conference on Industry, Engineering, and Management Systems)*, Cocoa Beach, Florida, USA, 9-11 March 2009.
- Member of the Scientific Committee, *8th National Symposium on Production Research*, Istanbul, Turkey, 24-25 October 2008.
- Chair of the Organizing Committee, *28th National Congress on Operational Research and Industrial Engineering (YA/EM'08)*, Istanbul, 30 June - 2 July 2008.
- Chair for "Decision Making in Management and Engineering" track, *IEMS 2008 Conference (International Conference on Industry, Engineering, and Management Systems)*, Cocoa Beach, Florida, USA, 10-12 March 2008.
- Member of the Scientific Committee, *2nd National Symposium on Quality Function Deployment*, Izmir, Turkey, 19-21 March 2008.
- Co-organizer (with D-H. Lee and D-S. Kim) of the Technical Workshop on "Optimization: Theories and Applications (OTA 07)", *International Conference on Computational Science and Its Applications (ICCSA 2007)*, Kuala Lumpur, Malaysia, 26-29 August 2007.
- Member of the Scientific Committee, *7th National Symposium on Production Research*, Ankara, Turkey, 15-17 November 2007.
- Member of the Advisory Board, *27th National Congress on Operational Research and Industrial Engineering*, Izmir, Turkey, 2-4 July 2007.
- Chair for "Decision Making in Management and Engineering" track, *IEMS 2007 Conference (International Conference on Industry, Engineering, and Management Systems)*, Cocoa Beach, Florida, USA, 12-14 March 2007.

- Co-organizer (with D-H. Lee and D-S. Kim) of the Technical Workshop on "Optimization: Theories and Applications (OTA 06)", *International Conference on Computational Science and Its Applications (ICCSA 2006)*, Glasgow, UK, 8-11 May 2006.
- Chair for "Decision Making in Management and Engineering" track, *IEMS 2006 Conference (International Conference on Industry, Engineering, and Management Systems)*, Cocoa Beach, Florida, USA, 13-15 March 2006.
- Member of the Advisory Board, *26th National Congress on Operational Research and Industrial Engineering*, Kocaeli, Turkey, 3-5 July 2006.
- Member of the Scientific Committee, *5th National Symposium on Production Research*, Istanbul, Turkey, 25-27 November 2005.
- Member of the Scientific Committee, *35th International Conference on Computers & Industrial Engineering (ICC&IE 2005)*, Istanbul, Turkey, 19-22 June 2005.
- Member of the Advisory Board, *24th National Congress on Operational Research and Industrial Engineering*, Adana, Turkey, 15-18 June 2004.
- Chair for "Decision Support Systems" track, *IEMS 2003 Conference (International Conference on Industry, Engineering, and Management Systems)*, Cocoa Beach, Florida, USA, 17-19 March 2003.
- Member of the Advisory Board, *23rd National Congress on Operational Research and Industrial Engineering*, Istanbul, Turkey, 3-5 July 2002.
- Member of the International Advisory Board, *2nd International Conference on Responsive Manufacturing*, Gaziantep, Turkey, 26-28 June 2002.

OTHER PROFESSIONAL ACTIVITIES:

- [Chartered Financial Analyst \(CFA\)](#)[®]. Earning this charter (charter earned in 2000) required to pass three six-hour examinations covering a globally relevant Body of Knowledge set by an international council of investment-industry leaders.
- Listed in *Who's Who in the World*, 2003.