

CURRICULUM VITAE

Name: Mustafa HEKİMOĞLU
Current Address: Anadoluhisarı Mahallesi, Göksu-Otağtepe Caddesi, Alyap Sitesi, C4 Blok, D:4, Beykoz, Istanbul, Turkey.
Mail: mustafa.hekimoglu@khas.edu.tr
Phone: +90 534 9121641
Personal Web Page: <http://www2.isikun.edu.tr/mustafahekimoglu/>
Date of Birth: March 7, 1985
Place of Birth: Izmir / TURKEY

ACADEMIC EMPLOYMENT

2018 – Present: Assist. Professor at the Department of Industrial Engineering, Kadir Has University, Istanbul.
2016 – 2018: Assist. Professor at the Department of Industrial Engineering, Işık University, Istanbul.
2015 – 2016: Visiting Professor at the Department of Industrial Engineering, Işık University, Istanbul.
2011 – 2015: Teaching Assistant at Econometrics Department, Erasmus University, Rotterdam, the Netherlands.
2010 – 2011: Personal Research Assistant of Prof. Rommert Dekker, Erasmus Research Institute of Management (ERIM), Erasmus University, Rotterdam, the Netherlands.
2009 – 2010: Teaching and Research Assistant, Institute of Environmental Sciences, Bogazici University, Istanbul.

PUBLICATIONS

Hekimoğlu, M., van der Laan, E., Dekker R., Spare Parts Inventory Control Under Markov Modulated Supply Risk, *European Journal of Operations Research*, V. 269(3), p 909-922.
Hekimoğlu M., Barlas Y., 2016, Sensitivity Analysis for Models With Multiple Behavior Modes: A Method Based on Behavior Pattern Measures, *System Dynamics Review*, V. 32(3-4), p.332-362.
Li, X, Heij, C., Hekimoğlu, M., Dekker, R., 2016, Assessing End-of-Supply Risk of Spare Parts Using the Proportional Hazard Model, *Decision Sciences*, V. 47(2), p 373-394.
Saysel, A.K., Hekimoğlu, M., 2013, Exploring the Options for Carbon Dioxide Mitigation in Turkish Electric Power Industry: System Dynamics Approach, *Energy Policy*, V. 60, p 675-686.

SCHOLARSHIPS & AWARDS

2015 : Turkish Operations Research Society, Best Application Award, Runner-up with OBASE Replenishment System, Turkey.
2013 : Erasmus Trustfonds, Scholarship for Research on Spare Parts Management, the Netherlands.
2007 – 2009: The Scientific and Technological Research Council of Turkey (TUBITAK), National Scholarship Program for MSc Students, Turkey.

CONFERENCE PROCEEDINGS & PRESENTATIONS

Hekimoğlu, M., 2010, Sensitivity Analysis of Oscillatory System Dynamics Models, *Proceedings of the 28th International Conference of the System Dynamics Society*, Seoul, Korea.

- Hekimoğlu, M. and Y. Barlas, 2010, Sensitivity Analysis of System Dynamics Models by Behavior Pattern Measures, *Proceedings of the 28th International Conference of the System Dynamics Society*, Seoul, Korea.
- Saysel, A. K. and M. Hekimoğlu, 2010, Dynamics of CO2 Mitigation in Electric Power Industry Through Replacements and Early Retirements, *Proceedings of the 28th International Conference of the System Dynamics Society*, Seoul, Korea.
- Hekimoğlu M., Dekker R., 2011, Value of Slow Moving Items Obtained From a Dismantled End Product, *10th Summer School by International Society for Inventory Research*, August 22-26, Istanbul, Turkey.
- Hekimoğlu M., Dekker R. 2012, Optimum Control Policy for Spare Part Inventory in Existence of Supply Risk and Secondary Market, *Book of Abstract of 17th International Symposium on Inventories*, August 20-24, Budapest, Hungary.
- Hekimoğlu M., Dekker R., 2013, Spare Parts Inventory Control Under Markov Modulated Supply Risk, *Book of Abstracts of 24th Annual Conference of Production and Operations Research Management Society*, May 3-6, Denver, Colorado.
- Hekimoğlu M., van der Laan, E., Dekker, R., 2013, Queuing Systems and Supply Chain Management: Inventory Control Under Markov Modulated Supply Risk, *Oral Presentation at 2013 INFORMS MSOM (Manufacturing and Service Operations Management) Conference*, 28-30 July, Fontainebleau, France.
- Hekimoğlu M., Scheller-Wolf A., 2014, Dual Sourcing Problem with Downward Substitution, *Book of Abstract of 18th International Symposium on Inventories*, August 18-22, Budapest, Hungary.
- Hekimoğlu M., Scheller-Wolf A., Dual Sourcing Problem with Stock-out Dependent Substitution, *Poster Presentation at INFORMS*, November 9-12, 2014, San Francisco, California.

PUBLICATIONS IN PIPELINE

- Hekimoğlu M., Scheller-Wolf A., 2014, Dual sourcing Problem with Stock-out Dependent Substitution, *to be submitted*.
- Durmuş, İ., Hekimoğlu, M., Aksezer, Ç., Optimal Assortment Planning with Shelf-Space Constraint, *Applied Soft Computing*, *submitted*.
- Hekimoğlu, M. van der Laan, E., Dekker R., Pricing and Inventory Management In Existence of Secondary Markets, *to be submitted*.

TEACHING EXPERIENCE

- 2016 – 2017: Engineering Economy (English, Undergraduate), Işık University, Summer Term.
- 2016 – 2017: Engineering Economy (Turkish, Undergraduate), Işık University, Spring.
- 2015 – 2017: Introduction to Data Mining (English, Undergraduate), Işık University, Spring.
- 2015 – 2017: Stochastic Modeling (English, Graduate), Işık University, Spring.
- 2015 – 2017: Discrete- Event Simulation (English, Undergraduate), Işık University, Fall.
- 2011 – 2014: Production Planning and Scheduling (Graduate), Teaching assistant, Erasmus University.
- 2014 – 2015: Markov Processes (Undergraduate), Teaching assistant, Erasmus University.
- 2014 – 2015: Seminar Series on Supply Chain Management and Optimization (Undergraduate), Teaching assistant, Erasmus University.
- 2011-2012: Matrix Algebra (Undergraduate), Tutorial lecturer and teaching assistant, Erasmus University.

2010-2011: Systems Modeling for Environmental Dynamics, Teaching assistant, Boğaziçi University.

EDUCATION

2011 - 2015: PhD at Erasmus Research Institute of Management (ERIM), Erasmus University, Rotterdam / the NETHERLANDS.

2010 - 2011: MPhil in Business Research (Logistic Track), Erasmus Research Institute of Management, Erasmus University, Rotterdam / the NETHERLANDS.

2007 - 2010: M.S. Industrial Engineering, Boğaziçi University, Istanbul / TURKEY.

2003 - 2007: B.S. Industrial Engineering, Dokuz Eylül University, Izmir / TURKEY.

INDUSTRIAL EXPERIENCE

2015 - 2016: OBASE Software and Consulting, Technical Consultant and Project Manager, Istanbul.

2011 - 2015: Fokker Services, Graduate Consultant, Hoofddorp, Amsterdam/ the NETHERLANDS.

2007, 2 Months: Bosch Thermotechnik GmbH, Project Internship, Manisa / TURKEY.

2006, 1 Month: Z.F. Aks Modülleri Sanayii, Summer Internship, Izmir / TURKEY.

INDUSTRIAL PROJECTS

2017: Advanced Inventory Optimization for Repairable Spare Parts, Istanbul (Academic Consultant).

2016: Data Driven Spare Parts Inventory Optimization for Turkish Technic, Istanbul (Academic Consultant).

2016: Şok Supermarket Chains Replenishment System, Istanbul, (Project Manager, Scientific Consultant).

2015: Supply Risk Estimation Mechanism in Spare Parts Supply Chains for Services, Amsterdam, (Graduate Consultant).

VOLUNTEER EXPERIENCE

2008 - 2009: Volunteer Musician, Purple House Project, Turkish Society Volunteers, Istanbul / TURKEY.

2005 - 2006: Project Member, Starfish Project, Supporting Contemporary Life Association, Izmir / TURKEY.

2005 - 2007: Marketing and Sponsorship Committee Member, Turkey Quality Association, Perfection Seeking Symposium, Izmir / TURKEY.

2003 - 2004: Activity Volunteer (Volunteer Instructor), Educational Volunteers Association, Izmir / TURKEY.

MISCALLENOUS

2013 - 2013: Visitor Researcher at Tepper School of Business, Carnegie Mellon University, Pittsburgh, PA.