

Objectives

First-year Ph.D. student with a great passion for pursuing her studies in academia by believing that learning is a never-ending journey. Experience in many research projects and teaching assistantship. Knowledge and ability in optimization, mathematical modeling, data analysis, and heuristic methods including metaheuristics.

Education

Özyeğin University - Istanbul, TURKEY (2020 – Present)

Ph.D., Industrial Engineering

- Honors: 100% Scholarship

Özyeğin University - Istanbul, TURKEY (2018 – 2020)

M.S., Industrial Engineering

- Honors: 100% Scholarship
- Cumulative GPA: 3.61/4.00

Özyeğin University - Istanbul, TURKEY (2013 – 2018)

B.S., Industrial Engineering

- Honors: 75% Scholarship
- Cumulative GPA: 3.26/4.00

Experience

Özyeğin University - Istanbul, TURKEY (2018 - Present)

Position: Graduate Teaching Assistant

- Taught recitation classes, held office hours, prepared exam and recitation questions, helped grading and proctoring
- IE 203 (Mandatory): Engineering Economy (Spring 2020, Fall 2020)
- IE 301 (Mandatory): Operations Research II (Summer 2020)
- IE 362 (Elective): Risk Management (Spring 2020)
- IE 304 (Elective): Cost Analysis (Fall 2019)
- IE 201 (Mandatory): Operations Research I (Summer 2019)
- IE 401/402 (Mandatory): Senior Design (Spring 2019, Fall 2019)
- Math 216 (Mandatory): Applied Statistics (Fall 2018, Spring 2019)
- IE 373 (Elective): Service Systems Management (Fall 2018)

Özyeğin University - Istanbul, TURKEY (2018 - Present)

Position: Graduate Research Assistant

- Performed literature reviews, analyzed data, developed mathematical models and heuristic algorithms

UNILEVER - Istanbul, TURKEY (2017 - 2018)

Position: Project Student

- Implemented several forecast techniques (e.g., Regression, ARIMA, Neural Network) to predict future demand
- Developed a decision support system (with Excel VBA) for demand forecasting

İÇDAŞ A.Ş. - Istanbul, TURKEY (06/2017 - 08/2017)

Position: Logistics Planning Intern

- Examined and contributed to logistics planning process

Research Interests

- Humanitarian Logistics
- Disaster Management
- Supply Chain Management
- Healthcare Operations

Projects and Research Studies

Özyeğin University - Scientific and Technological Research Council of Turkey (TÜBİTAK) (09/2020 - Present)

Research Assistant, "Modelling and Analysis of Stock Sharing and Postponement Strategies in Humanitarian Relief Depots"

Özyeğin University – M.S., Industrial Engineering (2018 - 2020)

Thesis Topic: "An Integrated Post-disaster Assessment Routing Problem for Collecting Damage Information with Drones"

Özyeğin University (2018 - 2019)

Research Assistant, "A Green Capacitated Vehicle Routing Problem with Time Windows and Drones"

UNILEVER (2017 - 2018)

Project Student, Senior Design Project with Unilever Supply Chain Department, "Chain Reaction Project"

Publications

Book Chapters

- *Adsanver, B., Coban, E., Balcik, B., 2020. "Drone Routing for Post-disaster Damage Assessment", Dynamics of Disasters, Springer, Accepted.*

Working Papers

- *Adsanver, B., Coban, E., Balcik, B., "An Integrated Post-disaster Assessment Routing Problem for Collecting Damage Information with Drones", to be submitted.*

Skills

<i>Computer Skills</i>	Python, CPLEX, Arena Simulation, MATLAB, R, Excel, VBA, LaTeX
<i>Language Skills</i>	Turkish (Native) English (Advanced proficiency) Italian (Beginner level)

Extracurricular Activities

- Peer Advisor, Özyegin University (OZU) Peer Advising Program (2015-2017)
- Member, OZU Psychological Support Management Team (2015-2016)
- Member, OZU Dance Club (2014-2016)
- Member, Institute of Electrical and Electronics Engineers (IEEE) (2014-2016)
- Volunteer, Campus Dogs OZU (2014-2015)

Personal Information

Location: Istanbul, Turkey

Birth Date: 15.6.1994

References

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Dr. Elvin Çoban

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Dr. Ayfer Başar

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