

**Bayram DÜNDAR**  
Ph.D. Assistant Professor  
Industrial and Systems Engineering  
Bartın University  
Bartın, 74100 Türkiye  
E-mail: [bdundar@bartin.edu.tr](mailto:bdundar@bartin.edu.tr)

### **EĞİTİM BİLGİLERİ:**

- Doktora:(2017) Industrial Engineering, Industrial and Manufacturing Systems Engineering, Collage of Engineering, University of Missouri-Columbia, Missouri, USA
- Thesis: “Applying Optimization Techniques to Identify Multistate Collaborations for Improving Biopower Energy Policy”
  - Advisor: Dr. Ronald G. McGarvey.
- Yüksek Lisans: (2013) Industrial Engineering, Industrial and Manufacturing Systems Engineering, Collage of Engineering, University of Missouri-Columbia, Missouri, USA
- Lisans:(2008) Endüstri Mühendisliği Bölümü, Selçuk Üniversitesi, Konya, Türkiye.

### **ÜNVAN:**

- 2018-halen Assistant Professor, Industrial and Systems Engineering, Bartın University
- 2018 Memur, Malatya İl Millî Eğitim Müdürlüğü
- 2013-2017 Research Assistant, Industrial and Manufacturing Systems Engineering, University of Missouri-Columbia, Missouri, USA
- 2015 Teaching Assistant, Industrial and Manufacturing Systems Engineering, University of Missouri-Columbia, Missouri, USA
- 2009-2010 Üretim Planlama Mühendisi, FMC Hidrolik Sistemleri, Konya, Türkiye

### **ONUR VE ÖDÜLLER:**

- 2017, Outstanding PhD Student Award in the Department of Industrial Engineering, University of Missouri-Columbia, March 2017
- 2016, National Science Foundation (NSF) Travel Award, ISSST 2016 Conference, Phoenix, AR, May 2016
- 2015, Mizzou Advantage Graduate Student Travel Awards, INFORMS 2015, Philadelphia, PA, November 2015

2015, Graduate Professional Council (GPC) Travel Awards, INFORMS 2015, Philadelphia, PA, November 2015

2013, Full-Scholarship from Turkish Government for Ph.D. in the USA

2011, Full-Scholarship from Turkish Government for M.S. in the USA

#### **YAYINLANMIŞ MAKALELER :**

1. **Dundar B.**, McGarvey R.G., Aguilar F.X., (2018). "A robust optimisation approach for identifying multi-state collaborations to reduce CO2 emissions", Journal of the Operational Research Society ,1-19.
2. **Dundar B.**, Costello C, and McGarvey R.G., (2017). "Robust Optimization Evaluation of Reliance on Locally Produce Foods", Environment Systems& Decisions
3. **Dundar B.**, McGarvey R.G., Aguilar F.X., (2016). "Identifying Optimal Multi-State Collaborations for Reducing CO2 Emissions by Co-Firing Biomass in Coal-Burning Power Plants", Computers & Industrial Engineering, 101, 403-415.
4. Sir, M. Y., **Dundar, B.**, Steege, L. M. B., & Pasupathy, K. S., (2015). "Nurse-Patient Assignment Models Considering Patient Acuity Metrics and Nurses' Perceived Workload", Journal of Biomedical Informatics ,55, 237-248

#### **KONFERANS BİLDİRİLERİ VE SUNUMLARI:**

**Dundar B**, McGarvey RG, Aguilar FX, "A Demand Response model for Biopower Generation to Identify Optimal Multi-State Collaborations", INFORMS Annual Meeting 2017, Houston, TX, October 2017.

**Dundar B**, McGarvey RG, Aguilar FX, "Multi-state Collaboration to Maximize Wood Biopower", IUFRO Division 5 Conference 2017 - Vancouver, British Columbia, June 2017.

**Dundar B**, "McGarvey RG, Aguilar FX, Identifying Optimal Multi-State Collaborations for Reducing Co2 Emissions by Co-Firing Biomass in Coal-burning Power Plants", INFORMS Annual Meeting 2016, Nashville, TN, November 2016.

McGarvey RG, **Dundar B**, Costello C, "A Robust Optimization Evaluation of the Potential for Reliance On Locally-produced Foods", INFORMS Annual Meeting 2016, Nashville, TN, November 2016.

**Dundar B**, Costello C, McGarvey RG, "Robust Optimization Evaluation of Reliance on Locally Produce Foods, International Symposium on Sustainable Systems and echnology (ISSST 2016)", Phoenix, AR, May 2016.

**Dundar B**, McGarvey RG, "Aguilar FX, Robust Optimization in Biopower Generation,

INFORMS Annual Meeting 2015, Philadelphia, PA, November 2015.

**Dundar B**, McGarvey RG, “Aguilar FX, Implications of EPA's Proposed Emission Reduction Targets on Biopower Generation”, IIE Annual Conference & Expo 2015, Nashville, TN, May 2015.

**Dundar B**, McGarvey RG, Aguilar, FX, “Impacts of Energy Efficiency Targets on US Biopower Generation”, Industry Studies Conference 2015, Kansas City, MO, May 2015.

### **ARAŞTIRMA PROJELERİ:**

2014-2017 Researcher of the project titled, “Impacts of Energy Efficiency Targets on US Bioenergy Generation”

2016-2017 Researcher of the project titled, “Needs for Environmentally and Economically Sustainable” Expansion of Regionally-Grown Produce”

### **BİLİMSEL KURULUŞLARA ÜYELİKLER:**

- Institute for Operations Research and the Management Sciences (INFORMS)
- Institute of Industrial and Systems Engineers (IISE)

### **REVİWER**

- Journal of the Operational Research Society