

## **Asst. Prof. Emine Yaylali**

### **Personal Information**

**Email:** emineyaylali@itu.edu.tr

### **Education Information**

Doctorate, North Carolina State University, Operations Research, United States Of America 2010 - 2012

Postgraduate, North Carolina State University, Operations Research, United States Of America 2007 - 2010

Undergraduate, Bogazici University, Faculty Of Engineering, Department Of Industrial Engineering, Turkey 2002 - 2007

### **Foreign Languages**

English, C1 Advanced

### **Dissertations**

Doctorate, Stochastic Multi-agent Models for Alerting Decisions in Public Health, North Carolina State University, Operations Research, 2012

Postgraduate, A Two-Agent Stochastic Alert Threshold Model for Identifying a Potential Disease Outbreak: A Case Study for H1N1, North Carolina State University, Operations Research, 2010

### **Research Areas**

Health Sciences, Medicine, Fundamental Medical Sciences, Biostatistics and Medical Informatics, Internal Medicine Sciences, Infectious Diseases and Clinical Microbiology, Technical Sciences, Industrial Engineering , Stochastic Modeling, Stochastic Processes, Optimization Theory and Methods, Integer and Mixed Integer Programming, Simulation

### **Academic Titles / Tasks**

Assistant Professor, Istanbul Technical University, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, 2018 - Continues

Assistant Professor, Istanbul Technical University, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, 2016 - 2018

Research Assistant, North Carolina State University, Engineering Faculty, Department Of Industrial Engineering, 2007 - 2012

### **Courses**

Introduction to System Analysis, Undergraduate, 2016 - 2017

Production Planning and Control, Undergraduate, 2016 - 2017

Introduction to Industrial Engineering, Undergraduate, 2016 - 2017

## **Supported Projects**

Yaylalı E., Project Supported by Higher Education Institutions, HOPE (HIV Optimizasyonu ve Önleme Ekonomisi) Modeli Kullanarak ABD'de HIV önleme yöntemlerinin araştırılması, 2016 - 2018

## **Citations**

Total Citations (WOS):30

h-index (WOS):3

## **Non Academic Experience**

State Agency, Centers For Disease Control And Prevention