

Orkun Irsoy

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Education	Bogazici University, Istanbul - Turkey 2019 –2022 (Expected) <i>Industrial Engineering, MS, GPA: 3.857 / 4.00</i>
	Bogazici University, Istanbul - Turkey 2013 – 2019 <i>Industrial Engineering, BS, GPA: 3.43 / 4.00</i>
	Halil Kale Science High School, Manisa -Turkey 2009 – 2013 <i>GPA: 93.74 / 100</i>
Academic Experiences	Teaching Assistant February 2020 – Present <i>Bogazici University, Industrial Engineering Department</i> Preparing & grading assignments, quizzes, administering problem solving sessions. Courses: - IE 201: Intermediate (Object Oriented) Programming, - IE 203: Operations Research II, - IE 350: Systems Science & Engineering, - IE 423: Quality Engineering, - IE 587: Optimal Control Theory, - IE 588: Agent Based Modeling & Simulation
	Graduate Research Assistant February 2020 – Present <i>Bogazici University, Industrial Engineering Department, Socio-Economic System Dynamics (SESDYN) Lab</i> Supervisors: Prof. Yaman Barlas, Assoc. Prof. Gönenç Yücel
	Research Fellow Jan 2022 – Present <i>Bogazici University, Department of Political Science and International Relations, Dia-Pol</i> Supervisor: Asst. Prof. Basak Taraktas
	Research Fellow October 2020 – 2022 <i>Koç University, Graduate School of Business, Karanfil Lab</i> Supervisors: Asst. Prof. Özge Karanfil, Asst. Prof. Mahdi Hashemian
Publications & Presentations	Conference Paper July 2022 <i>"Dynamic Analysis of False Information Spread Over Social Media: 5G-COVID 19 Conspiracy Theory" 40th International Conference of the System Dynamics Society</i> Orkun Irsoy , Yaman Barlas <i>Presented in Parallel Session: Security, Stability, and Resilience</i>
	Conference Presentation July 2022 <i>"What differentiates countermovements of Black Lives Matter?" Sunbelt Conference 2022, Cairn</i> Basak Taraktas, Cihan Duran, Orkun Irsoy , Suzan Uskudarli, Dilara Karaduman <i>Presented in Session 86-1. Collective Action and Social Movements</i>
	Journal Article March 2021 <i>"Dynamic trade-offs in granulocyte colony-stimulating factor (G-CSF) administration during chemotherapy" System Dynamics Review 36 (4), 397-446</i> Orkun Irsoy , Şanser Güz, Naz Beril Akan, Gönenç Yücel <i>Presented in System Dynamics Society Seminar Series: Biomedical System Dynamics Modeling</i>

Conference Paper**| September 2021***"What is the Stakeholder Effect on Clinical Guideline Formation Process: An Experimental Study"* | 39th International Conference of the System Dynamics SocietyÖzge Karanfil, Şanser Güz, **Orkun Irsoy**, Mahdi Hashemian*Presented in Parallel Session: Clinical Care Improvement***Conference Paper****| September 2020***"Managing Chemotherapy-Induced Neutropenia using Exogenous Granulocyte Colony-Stimulating Factor"* | 38th International Conference of the System Dynamics Society

Society

Şanser Güz, **Orkun Irsoy**, Naz Beril Akan, Gönenç Yücel*Awarded with Lupina Young Researchers Award - Honorable Mention**Presented in Plenary Session: Scientific Advances***Work****Junior Business Analyst****| April 2018 – Oct 2019****Experiences***Technolera Venture Builder, Istanbul-Turkey*

-Market and Market Strategy Research

-Technology & Trend Analysis

-Management Assistant of Ventourage Diversity Program

Production Planning Intern**| Jan 2018 – Feb 2018***TEPAS Electric Motors, Izmir-Turkey*

-Production Scheduling

-Using "Netsis" software to track procurement, work orders, and production plans

Skills(See orkunirsoy.github.io for details)**Programming Languages:** C, R, C++, GAMS, Python**Simulation Software:** Stella, Vensim, Netlogo, Arena**Language:** Turkish (Native), English (Fluent), German (Beginner)**Awards,****Achievements****& Scholarships**

Lupina Young Researchers Award – Honorable Mention at International System Dynamics Conference 2020

"National Scholarship Programme for Msc Students" from TUBITAK, 2020

Ranked 81th in National University Admission Exam in 2013 (Mathematics-Science)

Outstanding Success Scholarship by Prime Ministry of the Republic of Turkey

Extracurricular**Activities**

Bogazici University Drama Club (BÜO)

Player, Managerial Board Member, and Vice President | 2013-2016

Bogazici University Dance Club (BUDANS)

| 2017

Tennis

| 2020-

References**Yaman Barlas, Ph.D. Professor, Boğaziçi University**email: ybarlas@boun.edu.tr , phone: +90 212 359 70 73**Gönenç Yücel, Ph.D. Associate Professor, Boğaziçi University**email: gonenc.yucel@boun.edu.tr , phone: +90 212 359 45 75**Özge Karanfil, Ph.D. Assistant Professor, Koç University**email: okaranfil@ku.edu.tr , phone: +90 212 338 14 63