

# Orkun Irsoy

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Education	<b>Bogazici University, Istanbul - Turkey</b>   <b>2019 –2022</b> <i>Industrial Engineering, MS, GPA: 3.857 / 4.00</i>
	<b>Bogazici University, Istanbul - Turkey</b>   <b>2013 – 2019</b> <i>Industrial Engineering, BS, GPA: 3.43 / 4.00</i>
	<b>Halil Kale Science High School, Manisa -Turkey</b>   <b>2009 – 2013</b> <i>GPA: 93.74 / 100</i>
Academic Experiences	<b>Teaching Assistant</b>   <b>Feb 2020 – Present</b> <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
	<b>Graduate Research Assistant</b>   <b>Feb 2020 – Present</b> <i>Bogazici University, Industrial Engineering Department, <a href="#">Socio-Economic System Dynamics (SESODYN) Lab</a></i> Supervisors: Prof. Yaman Barlas, Assoc. Prof. Gönenç Yücel
	<b>Research Fellow</b>   <b>Jan 2022 – Present</b> <i>Bogazici University, Department of Political Science and International Relations, <a href="#">Dia-Pol</a></i> Supervisor: Asst. Prof. Basak Taraktas
	<b>Research Fellow</b>   <b>Oct 2020 – Present</b> <i>Koç University, Graduate School of Business, <a href="#">Karanfil Lab</a></i> Supervisors: Asst. Prof. Özge Karanfil, Asst. Prof. Mahdi Hashemian
Publications & Presentations	<b>Conference Paper</b>   <b>July 2022</b> <i><a href="#">"Dynamic Analysis of False Information Spread Over Social Media: 5G-COVID 19 Conspiracy Theory"</a>   40<sup>th</sup> International Conference of the System Dynamics Society</i> <b>Orkun Irsoy</b> , Yaman Barlas <i>Presented in Parallel Session: Security, Stability, and Resilience</i>
	<b>Conference Presentation</b>   <b>July 2022</b> <i><a href="#">"What differentiates countermovements of Black Lives Matter?"</a>   Sunbelt Conference 2022, Cairn</i> Basak Taraktas, Cihan Duran, <b>Orkun Irsoy</b> , Suzan Uskudarli, Dilara Karaduman <i>Presented in Session 86-1. Collective Action and Social Movements</i>
	<b>Journal Article</b>   <b>March 2021</b> <i><a href="#">"Dynamic trade-offs in granulocyte colony-stimulating factor (G-CSF) administration during chemotherapy"</a>   System Dynamics Review 36 (4), 397-446</i> <b>Orkun Irsoy</b> , 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"* | 39<sup>th</sup> 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"* | 38<sup>th</sup> 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 &amp; 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](https://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 81<sup>th</sup> 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 Universityemail: [ybarlas@boun.edu.tr](mailto:ybarlas@boun.edu.tr) , phone: +90 212 359 70 73**Gönenç Yücel, Ph.D. Associate Professor**, Boğaziçi Universityemail: [gonenc.yucel@boun.edu.tr](mailto:gonenc.yucel@boun.edu.tr) , phone: +90 212 359 45 75**Özge Karanfil, Ph.D. Assistant Professor**, Koç Universityemail: [okaranfil@ku.edu.tr](mailto:okaranfil@ku.edu.tr) , phone: +90 212 338 14 63