

Orkun Irsoy

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Education	Bogazici University, Istanbul - Turkey 2019 –2022 <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 Feb 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 450: Stochastic Models in OR, - IE 350: Systems Science & Engineering, - IE 450: Graph Theory and Applications, - IE 587: Optimal Control Theory, - IE 588: Agent Based Modeling & Simulation
	Graduate Research Assistant Feb 2020 – Present <i>Bogazici University, Industrial Engineering Department, Socio-Economic System Dynamics (SES-DYN) Lab</i> Supervisors: Prof. Yaman Barlas, Assoc. Prof. Gönenç Yücel
	Research Fellow Jan 2022 – Present <i>Bogazici University, Department of Political Science and Int Relations, Dia-Pol</i> Supervisor: Asst. Prof. Basak Taraktas
	Research Fellow Oct 2020 – Present <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>

	<p>Conference Paper September 2021 <u>"What is the Stakeholder Effect on Clinical Guideline Formation Process: An Experimental Study"</u> 39th International Conference of the System Dynamics Society Özge Karanfil, Şanser Güz, Orkun Irsoy, Mahdi Hashemian Presented in Parallel Session: Clinical Care Improvement</p>
	<p>Conference Paper July 2021 <u>"Stakeholder Effect in The Formation Of Policy/Practice Guidelines: An Experimental Study For Medical Screening"</u> 40th Congress on OR / Industrial Engineering Özge Karanfil, Şanser Güz, Orkun Irsoy, Mahdi Hashemian Presented in Parallel Session: System Dynamics Applications in Healthcare</p>
	<p>Conference Paper September 2020 <u>"Managing Chemotherapy-Induced Neutropenia using Exogenous Granulocyte Colony-Stimulating Factor"</u> 38th International Conference of the System Dynamics Society Şanser Güz, Orkun Irsoy, Naz Beril Akan, Gönenç Yücel Awarded with Lupina Young Researchers Award - Honorable Mention Presented in Plenary Session: Scientific Advances</p>
Work Experiences	<p>Junior Business Analyst April 2018 – Oct 2019 Technolera Venture Builder, Istanbul-Turkey</p> <p>Production Planning Intern Jan 2018 – Feb 2018 TEPAS Electric Motors, Izmir-Turkey</p>
Skills	<p>(See orkunirsoy.github.io for details)</p> <p>Programming Languages: C, R, C++, GAMS, Python Simulation Software: Stella, Vensim, Netlogo, Arena Language: Turkish (Native), English (Fluent), German (Beginner)</p>
Awards, Achievements & Scholarships	<p>Lupina Young Researchers Award – Honorable Mention at International System Dynamics Conference 2020</p> <p>"National Scholarship Programme for Msc Students" from TUBITAK, 2020</p> <p>Ranked 81th in National University Admission Exam in 2013 (Mathematics-Science)</p> <p>Outstanding Success Scholarship by Prime Ministry of the Republic of Turkey</p>
Extracurricular Activities	<p>Bogazici University Drama Club (BÜO) Player, Managerial Board Member, and Vice President 2013-2016</p> <p>Bogazici University Dance Club (BUDANS) 2017</p> <p>Tennis 2020-</p>
References	<p>Yaman Barlas, Ph.D. Professor, Boğaziçi University email: ybarlas@boun.edu.tr , phone: +90 212 359 70 73</p> <p>Gönenç Yücel, Ph.D. Associate Professor, Boğaziçi University email: gonenc.yucel@boun.edu.tr , phone: +90 212 359 45 75</p> <p>Özge Karanfil, Ph.D. Assistant Professor, Koç University email: okaranfil@ku.edu.tr , phone: +90 212 338 14 63</p>