

Orkun Irsoy

orkunirsoy.github.io, orkunirsoy@gmail.com, +90 534 11 79

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> Agent Based Modeling & Simulation / Systems Science & Engineering / Dynamics of Socio-Economic Systems / Graph Theory & Applications / See the complete List
	Graduate Research Assistant Feb 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 Int Relations, Dia-Pol</i> Supervisor: Asst. Prof. Basak Taraktas, Prof. Suzan Üsküdarlı
	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 Presentation September 2022 "Challenging Black Lives Matter: Countermovements' framing strategies." Methods of Social Movement Research: New Developments and Recurring Questions, Berlin. Basak Taraktas, Cihan Duran, Orkun Irsoy , Suzan Uskudarli, Dilara Karaduman <i>Presented in Parallel Session: Online Data</i>
	Conference Paper July 2022 "Dynamic Analysis of False Information Spread Over Social Media: 5G-COVID 19 Conspiracy Theory" 40 th International Conference of the System Dynamics Society Orkun Irsoy , Yaman Barlas <i>Presented in Parallel Session: Security, Stability, and Resilience</i>
	Conference Presentation July 2022 "What differentiates countermovements of Black Lives Matter?" Sunbelt Conference 2022, Cairns 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 "Dynamic trade-offs in granulocyte colony-stimulating factor (G-CSF) administration during chemotherapy" System Dynamics Review 36 (4), 397-446 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 Society
 Özge Karanfil, Şanser Güz, **Orkun Irsoy**, Mahdi Hashemian
Presented in Parallel Session: Clinical Care Improvement

Conference Paper**| July 2021**

"Stakeholder Effect in The Formation Of Policy/Practice Guidelines: An Experimental Study For Medical Screening" | 40th Congress on OR / Industrial Engineering
 Özge Karanfil, Şanser Güz, **Orkun Irsoy**, Mahdi Hashemian
Presented in Parallel Session: System Dynamics Applications in Healthcare

Conference Paper**| September 2020**

"Managing Chemotherapy-Induced Neutropenia using Exogenous Granulocyte Colony-Stimulating Factor" | 38th Int. 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

Work**Junior Business Analyst****| April 2018 – Oct 2019****Experiences***Technolera Venture Builder, Istanbul-Turkey***Production Planning Intern****| Jan 2018 – Feb 2018***TEPAS Electric Motors, Izmir-Turkey***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)

| 2013-2016

Bogazici University Dance Club (BUDANS)

| 2017

Tennis

| 2020-**References****Yaman Barlas, Ph.D. Professor**, Boğaziçi Universityemail: ybarlas@boun.edu.tr , phone: +90 212 359 70 73**Gönenç Yücel, Ph.D. Associate Professor**, Boğaziçi Universityemail: gonenc.yucel@boun.edu.tr , phone: +90 212 359 45 75**Özge Karanfil, Ph.D. Assistant Professor**, Koç Universityemail: okaranfil@ku.edu.tr , phone: +90 212 338 14 63**Başak Taraktas, Ph.D. Assistant Professor**, Boğaziçi Universityemail: basak.tatarktas@boun.edu.tr , phone: +90 212 359 6504