

Orkun Irsoy

orkunirsoy.github.io, orkunirsoy@gmail.com, +90 212 359 73 43

Education	Bogazici University, Istanbul - Turkey 2019 –2022 <i>Industrial Engineering, MS, GPA: 3.857 / 4.00 (click to see Thesis page)</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 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 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 Experiences **Junior Business Analyst** | **April 2018 – Oct 2019**
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 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
Başak Taraktas, Ph.D. Assistant Professor, Boğaziçi University
email: basak.tatarktas@boun.edu.tr , phone: +90 212 359 6504