



**İrem Bulanık**  
**Research Assistant**

Atılım University  
Department of Industrial Engineering  
06830 İncek, Gölbaşı, Ankara/TURKEY  
[irem.bulanik@atilim.edu.tr](mailto:irem.bulanik@atilim.edu.tr)  
Tel: +90 312 586 83 26

**PERSONAL**

<b>Date of Birth</b>	1993
<b>Place of Birth</b>	Ankara

**EDUCATION**

<b>2021-Present</b>	Hacettepe University, Industrial Engineering, Ph.D.
<b>2019 - 2021</b>	Atılım University, Industrial Engineering, M.S.
<b>2015 - 2016</b>	JAMK University of Applied Science, Logistics, B.S.(ERASMUS), Finland
<b>2014 - 2017</b>	Atılım University, Computer Engineering, B.S.(Double Major Degree Program)
<b>2012 - 2017</b>	Atılım University, Industrial Engineering, B.S.

**ACADEMIC POSITIONS**

<b>Nov/2018 – Present</b>	Research Assistant, Department of Industrial Engineering, Atılım University
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**RESEARCH INTERESTS**

<b>1</b>	Reliability Engineering
<b>2</b>	Applied Probability
<b>3</b>	Operations Research

## PUBLICATIONS

4	Eryilmaz, S. and Bulanik, I. "Age replacement policies for discrete and continuous heterogeneous $k$ -out-of- $n$ systems", <i>Annals of Operations Research</i> , doi:10.1007/s10479-024-06371-0, 2024
3	Bulanik Ozdemir İ., Kilicoglu S. and Eryilmaz S., "Age replacement policy for heterogeneous parallel systems", <i>Journal of Computational and Applied Mathematics</i> , 438, doi:10.1016/j.cam.2023.115562, 2024
2	Eryilmaz S., Bulanik İ. and Devrim Y. "Computing reliability indices of a wind power system via Markov chain modelling of wind speed", <i>Proceedings of the Institution of Mechanical Engineers, Part O, Journal of Risk and Reliability</i> , 238(1):71-78. doi:10.1177/1748006X221133601, 2022
1	Eryilmaz S., Bulanik I. and Devrim Y. "Reliability based modeling of hybrid solar/wind power system for long term performance assessment", <i>Reliability Engineering &amp; System Safety</i> , 209, doi:10.1016/j.ress.2021.107478, 2021

## PROJECTS

1	TUBITAK 1001-119F182: Probabilistic Modeling and Statistical Characteristics of a Renewable Hybrid Energy System, Scholar, 2019
2	Undergraduate Research Project: Scholarship Student on "Reading Surveys with MATLAB Image Processing Tools" 2016-2017
3	European Union Project - Participant on the Project "Youth Unemployment", 2012

## COURSES GIVEN

1	IE 222 – Operations Research I
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