



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

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**PERSONAL**

<b>Date of Birth</b>	07/09/1993
<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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**HONORS&AWARDS**

<b>1</b>	High Honor Student in Bachelor's Degree Department of Industrial Engineering, Atılım University, 2017
<b>2</b>	Honor Student in Bachelor's Degree Department of Computer Engineering, Atılım University, 2017
<b>3</b>	Elected to "50 Outstanding Students of Atılım University" 2017

**RESEARCH INTERESTS**

<b>1</b>	Reliability Engineering
<b>2</b>	Probabilistic Analysis of Renewable Energy Systems
<b>3</b>	Operations Research

**PUBLICATIONS**

1	Serkan Eryilmaz, İrem Bulanık, Yilser Devrim, Reliability based modeling of hybrid solar/wind power system for long term performance assessment, Reliability Engineering & System Safety, 2021, 209, 107478.
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**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 ASSISTED**

1	IE 202 – Probability and Statistics II
2	IE 222 – Operations Research I
3	IE 323 – Operations Research II
4	IE 407 – Facilities Planning