



## Ozge Buyukdagli

**Nationality:** Turkish **Date of birth:** 08/01/1988

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**Website:** <https://www.ius.edu.ba/en/people/ozge-buyukdagli>

**Work:** Hrasnicka Cesta 15, 71210 Sarajevo (Bosnia and Herzegovina)

### WORK EXPERIENCE

#### University department head

*International University of Sarajevo* [ 2021 – Current ]

City: Sarajevo | Country: Bosnia and Herzegovina

#### Assistant Professor

*International University of Sarajevo* [ 14/09/2019 – Current ]

City: Sarajevo | Country: Bosnia and Herzegovina

#### University research assistant

*Yasar University* [ 2011 – 2016 ]

City: Izmir | Country: Türkiye

### EDUCATION AND TRAINING

#### Doctorate - Industrial Engineering

*Yasar University* [ 2012 – 2018 ]

Address: Kazımdirik Mahallesi, Selçuk Yaşar Kampüsü, Üniversite Caddesi Ağaçlı Yol No: 37-39, , 35100 Izmir (Türkiye) | Website: <https://www.yasar.edu.tr/>

#### Master of Science - Industrial Engineering

*Yasar University* [ 2009 – 2013 ]

Address: Kazımdirik Mahallesi, Selçuk Yaşar Kampüsü, Üniversite Caddesi Ağaçlı Yol No: 37-39, 35100 Izmir (Bosnia and Herzegovina) | Website: <https://www.yasar.edu.tr/>

#### Bachelor of Science - Industrial Engineering

*Izmir University of Economics* [ 2005 – 2010 ]

Address: Fevzi Çakmak, Sakarya Cd. No:156, , 35330 Izmir (Türkiye) | Website: <https://www.ieu.edu.tr/en>

### LANGUAGE SKILLS

**Mother tongue(s):** Turkish

## Other language(s):

### English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

### Bosnian

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## DIGITAL SKILLS

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Programming Languages: C, C++, Python, Matlab / Decision-making / Organizational and planning skills / Rockwell's Arena / Research and analytical skills / ILOG OPL

## PUBLICATIONS

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[2024]

[Advances in thermal energy storage: Fundamentals and applications](#)

[2024]

[A multi-objective optimization framework for functional arrangement in smart floating cities](#)

[2023]

[Building energy demand management strategies and methods](#)

[2021]

[A Decision Support System for Curricula Design](#)

[2020]

[How do weights affect faculty performance evaluations?](#)

[2020]

[A Novel Differential Evolution Algorithm with Q-Learning for Economical and Statistical Design of X-Bar Control Charts](#)

[2013]

[A variable iterated greedy algorithm with differential evolution for the no-idle permutation flowshop scheduling problem](#)

[2013]

[A General Variable Neighborhood Search Algorithm for the No-Idle Permutation Flowshop Scheduling Problem](#)

## PROJECTS

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[ 2019 ]

**Bottleneck Analysis for Sheet-fed Offset Ink Production Lines** Project Engineer - TOYO Inks, Turkey

[ 2016 – 2017 ]

**Production Control and Stock Rationing in Tandem Production Lines** Researcher - Scientific Research Project funded by Yaşar University with Dr. M. Murat Fadiloğlu

[ 2014 – 2015 ]

**Control of Make-to-Stock Production Systems** Scholar - The Scientific and Technological Research Council of Turkey (TÜBİTAK) Project No: 213M355

[ 2012 – 2013 ]

**A New Differential Evolution Algorithm for the No-idle Permutation Flowshop Scheduling Problem with the Total Flow Time Criterion** Scholar - The Scientific and Technological Research Council of Turkey (TÜBİTAK)  
Project No: 110M622

## **NETWORKS AND MEMBERSHIPS**

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[ 2022 – Current ]

**ACM – Association of Computing Machinery Member**