

## **Asst. Prof. MEHMET KARABULUT**

### **Personal Information**

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### **International Researcher IDs**

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Publons / Web Of Science ResearcherID: AAY-4248-2021

Yoksis Researcher ID: 359145

### **Education Information**

Doctorate, Ankara Yildirim Beyazit University, Fen Bilimleri Enstitüsü, Electrical and Electronics Engineering (Dr), Turkey  
2016 - 2020

Postgraduate, Gazi University, Bilişim Enstitüsü, Bilgisayar Eğitimi (YL) (Tezsiz), Turkey 2008 - 2010

Undergraduate, Eastern Mediterranean University, Faculty Of Engineering, Department Of Electrical And Electronics  
Engineering, Cyprus (Kktc) 2001 - 2005

Associate Degree, Kırıkkale University, Kırıkkale Vocational School, Endüstriyel Elektronik, Turkey 1999 - 2001

### **Dissertations**

Doctorate, Performance Evaluation of Photovoltaic Panel Technologies Using a Designed Multi-Photovoltaic Panel Power  
Measurement System, Ankara Yildirim Beyazit University, Fen Bilimleri Enstitüsü, Electrical and Electronics Engineering,  
2020

### **Research Areas**

Equipment, Knowledge Engineering, Electronic, Energy

### **Academic Titles / Tasks**

Assistant Professor, Yozgat Bozok University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2021 - Continues

### **Courses**

Advanced DCS and SCADA Architectures, Doctorate, 2023 - 2024

Microcontroller Applications, Undergraduate, 2023 - 2024, 2022 - 2023

Introduction to Data Science, Postgraduate, 2023 - 2024, 2022 - 2023

Introduction to Data Analysis, Undergraduate, 2022 - 2023, 2021 - 2022

Programming Languages Concepts, Undergraduate, 2023 - 2024, 2022 - 2023

Computer Programming II, Undergraduate, 2022 - 2023, 2021 - 2022

Microprocessor Systems and Laboratory, Undergraduate, 2023 - 2024, 2022 - 2023

Modern Air Traffic Control Systems, Postgraduate, 2023 - 2024

Computer Architecture, Undergraduate, 2023 - 2024  
Data Mining, Undergraduate, 2022 - 2023  
Embedded Systems, Undergraduate, 2022 - 2023  
Computer Programming I, Undergraduate, 2022 - 2023

## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Outdoor Performance Assessment of New and Old Photovoltaic Panel Technologies Using a Designed Multi-Photovoltaic Panel Power Measurement System**  
Karabulut M., Kusetogullari H., Kivrak S.  
INTERNATIONAL JOURNAL OF PHOTOENERGY, vol.2020, 2020 (SCI-Expanded)

## **Books & Book Chapters**

- I. **PACKAGING DEMAND FORECAST IN LOGISTICS USING CNN AND LSTM MODELS**  
Karabulut M., Kusetoğulları H.  
in: CURRENT RESEARCH IN ENGINEERING, Doç Dr Selahattin Bardak, Dr Öğretim Üyesi Numan Yalçın, Dr Ömer Yurdakul, Editor, Gece Kitaplığı, Konya, pp.219-240, 2022
- II. **Object Detection and Recognition Using Deep Learning Models in Real-Time**  
CHADALAWADA S., KARABULUT M., KUSETOĞULLARI H.  
in: INTERNATIONAL RESEARCH IN ENGINEERING SCIENCES II, Soygüder, Servet, Editor, Eğitim Yayınevi, Konya, pp.56-85, 2022

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Serial Device Control Based On Hexadecimal Communication Using Personal Computer**  
KARABULUT M., YILDIRIM R.  
6th International Congress on Life, Social, and Health Sciences in a Changing World, Turkey, 2 - 03 July 2022, pp.550-555
- II. **Evaluation Of Measurements Made in Ankara with The Meteorological Measurement System Developed For Photovoltaic Panel Analysis**  
Karabulut M., Kivrak S.  
5nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'20), Nevşehir, Turkey, 16 - 18 October 2020, pp.187-190
- III. **Performance Evaluation Of Photovoltaic Panel Technologies With Multi-Input Power Measurement System Under Ankara Climate Conditions**  
Karabulut M., Kivrak S.  
5nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'20), Nevşehir, Turkey, 16 - 18 October 2020, pp.191-195

## **Supported Projects**

Karabulut M., TUBITAK Project, Konutlarda Enerji Verimliliğine Yönelik, Güneş Enerjisi, KoJenerasyon ve Akü Bankasını Birleştiren Bir Sisteme Ait Prototipin ve Enerji Yönetim Modülünün Tasarlanması , 2014 - 2015

## Scientific Refereeing

Signal Image And Video Processing, Journal Indexed in SCI-E, December 2021

### Metrics

Publication: 6

Citation (WoS): 1

Citation (Scopus): 1

H-Index (WoS): 1

H-Index (Scopus): 1