

## **Res. Asst. Eda Köse Murathan**

### **Personal Information**

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### **International Researcher IDs**

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### **Biography**

I was born in Trabzon on 27.08.1992. I studied at Trabzon Yunus Emre Lisesi between 2006-2010. Between 2011 and 2015 I studied at the Department of Architecture at the Technical University of the Black Sea Technical University. In 2016 I started to work as research assistant at Artvin Coruh University. I started master's degree in Istanbul Technical University in the Environmental Control and Building Technology Program in 2017. I will continue to work here as a research assistant at the same time.

### **Education Information**

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mimarlık, Turkey 2019 - Continues

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mimarlık, Turkey 2017 - 2019

Undergraduate, Karadeniz Technical University, Mimarlık Fakültesi, Mimarlık, Turkey 2011 - 2015

### **Foreign Languages**

English, B1 Intermediate

### **Dissertations**

Postgraduate, BİNALARDA ENERJİ KORUNUMU AÇISINDAN YAPI BİLEŞENLERİNDE KULLANILAN FAZ DEĞİŞTİREN MALZEMELERİN PERFORMANSININ DEĞERLENDİRİLMESİ, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mimarlık, 2019

### **Research Areas**

Technical Sciences, Architecture, Building Information, Physical Urban Protection

### **Academic Titles / Tasks**

Research Assistant, Istanbul Technical University, Mimarlık, Mimarlık, 2017 - Continues

## Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluation of Building Envelope Performance Constructed with Phase-Change Materials in Terms of Heating and Cooling Energy Consumption**  
KÖSE E., MANİOĞLU G.  
Virtual 14th TTMD International HVACR Technologies Symposium, 1 - 04 June 2020
- II. **Evaluation of the Performance of a Building Envelope Constructed with Phase-Change Materials in Relation to Orientation in Different Climatic Regions**  
KÖSE E., MANİOĞLU G.  
International Civil Engineering and Architecture Conference, Trabzon, Turkey, 17 - 20 April 2019
- III. **Evaluation of the Performance of Phase Change Materials in relation to Balanced Distribution of Heating Energy Cost in Residential Buildings**  
KÖSE E., MANİOĞLU G.  
XIII International HVACR Sanitary Technology Symposium, İstanbul, Turkey, 12 - 14 April 2018, no.35, pp.199-206
- IV. **KONUTLARDA ISITMA ENERJİSİ MALİYETİNİN DAİRELER ARASINDA DENGELİ DAĞILIMI AÇISINDAN FAZ DEĞİŞTİREN MALZEMELERİN UYGULANDIĞI BİNA KABUĞU PERFORMANSININ DEĞERLENDİRİLMESİ**  
Köse E., Manioğlu G.  
3. ULUSAL YAPI FİZİĞİ VE ÇEVRE KONTROLÜ KONGRESİ, İstanbul, Turkey, 10 - 11 May 2018, pp.195-204

## Supported Projects

Manioğlu G., Köse Murathan E., Project Supported by Higher Education Institutions, Bina ve Yerleşme Tasarımında İklim Değişikliği ile Uyumlu Enerji Etkin Bir Yaklaşımın Geliştirilmesi, 2021 - Continues

Manioğlu G., Akşit Ş. F., Ganiç Sağlam N., Boz B., TUBİTAK Project, Enerji ve Su Etkin Bina ve Yerleşme Tasarımına Yönelik Bir Yaklaşımın Geliştirilmesi, 2021 - 2023

Manioğlu G., Köse E., Project Supported by Higher Education Institutions, Konut Binalarında Faz Değiştiren Malzemelerin Isıtma ve Soğutma Enerjisi Harcamalarına Etkisinin İncelenmesi, 2018 - 2019

## Metrics

Publication: 14