

## **Asst. Prof. MUHAMMET YURDAKUL**

### **Personal Information**

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### **International Researcher IDs**

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Publons / Web Of Science ResearcherID: ABH-9390-2020

ScopusID: 54384442000

Yoksis Researcher ID: 29388

### **Education Information**

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey 2011 - 2016

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey 2007 - 2011

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 2003 - 2007

### **Foreign Languages**

English, B2 Upper Intermediate

### **Research Areas**

Civil Engineering, Structure, Structural Engineering, Earthquake Engineering, Masonry Structures, Engineering and Technology

### **Academic Titles / Tasks**

Assistant Professor, Karadeniz Technical University, Of Teknoloji Fakültesi, İnşaat Mühendisliği, 2020 - Continues

Assistant Professor, Bayburt University, Faculty Of Engineering, Department Of Civil Engineering, 2016 - 2020

Research Assistant, Bayburt University, Faculty Of Engineering, Department Of Civil Engineering, 2010 - 2016

### **Academic and Administrative Experience**

Deputy Head of Department, Karadeniz Technical University, Of Teknoloji Fakültesi, İnşaat Mühendisliği, 2023 - Continues

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

- I. **Field Observations and Damage Evaluation in Reinforced Concrete Buildings After the February 6th,**

### **2023, Kahramanmaraş-Türkiye Earthquakes**

Altunişik A. C., Arslan M. E., Kahya V., Aslan B., Sezdirmez T., Dok G., Kirtel O., Öztürk H., Sunca F., Baltacı A., et al.  
JOURNAL OF EARTHQUAKE AND TSUNAMI, vol.17, no.6, 2023 (SCI-Expanded)

- II. **Investigation of time-history response of a historical masonry minaret under seismic loads**  
Yurdakul M., Yılmaz F., Artar M., Can O., Oner E., Daloglu A.  
STRUCTURES, vol.30, pp.265-276, 2021 (SCI-Expanded)
- III. **Investigation on seismic isolation retrofit of a historical masonry structure**  
Artar M., Coban K., Yurdakul M., Can O., Yılmaz F., Yıldız M. B.  
EARTHQUAKES AND STRUCTURES, vol.16, no.4, pp.501-512, 2019 (SCI-Expanded)
- IV. **Stochastic responses of isolated bridge with triple concave friction pendulum bearing under spatially varying ground motion**  
Yurdakul M., ATEŞ Ş.  
STRUCTURAL ENGINEERING AND MECHANICS, vol.65, no.6, pp.771-784, 2018 (SCI-Expanded)
- V. **Evaluation of Marble Dust for Soil Stabilization**  
Yılmaz F., Yurdakul M.  
ACTA PHYSICA POLONICA A, vol.132, no.3, pp.710-711, 2017 (SCI-Expanded)
- VI. **Nonlinear dynamic analysis of base isolated cable-stayed bridge under earthquake excitations**  
ATMACA B., Yurdakul M., ATEŞ Ş.  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.66, pp.314-318, 2014 (SCI-Expanded)
- VII. **Damages on reinforced concrete buildings due to consecutive earthquakes in Van**  
ATEŞ Ş., KAHYA V., Yurdakul M., ADANUR S.  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.53, pp.109-118, 2013 (SCI-Expanded)
- VIII. **Site-response effects on RC buildings isolated by triple concave friction pendulum bearings**  
ATEŞ Ş., Yurdakul M.  
COMPUTERS AND CONCRETE, vol.8, no.6, pp.693-715, 2011 (SCI-Expanded)
- IX. **Modeling of triple concave friction pendulum bearings for seismic isolation of buildings**  
Yurdakul M., ATEŞ Ş.  
STRUCTURAL ENGINEERING AND MECHANICS, vol.40, no.3, pp.315-334, 2011 (SCI-Expanded)

### **Articles Published in Other Journals**

- I. **On the earthquake-related damages of civil engineering structures within the areas impacted by Kahramanmaraş earthquakes**  
ATMACA B., Arslan M. E., EMİROĞLU M., ALTUNIŞIK A. C., ADANUR S., DEMİR A., GÜNAYDIN M., TOPLU E., TATAR T., KAHYA V., et al.  
Journal of Structural Engineering & Applied Mechanics (Online), vol.6, no.2, pp.98-116, 2023 (Peer-Reviewed Journal)
- II. **Dynamic Response of Concentrically Braced Steel Frames to Pulse Period in Near-Fault Ground Motions**  
Tonyalı Z., Yurdakul M., Sesli H.  
Turkish Journal of Science & Technology, vol.17, no.2, pp.357-373, 2022 (Peer-Reviewed Journal)
- III. **An Investigation on Seismically Isolated Buildings in Near-Fault Region**  
Sesli H., Tonyalı Z., Yurdakul M.  
Journal of Innovative Engineering and Natural Science, vol.2, no.2, pp.47-65, 2022 (Peer-Reviewed Journal)
- IV. **DYNAMIC BEHAVIOUR OF HISTORICAL BAYBURT GRAND MOSQUE**  
Yurdakul M., Yılmaz F., Artar M.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.11, no.1, pp.1-11, 2020 (ESCI)
- V. **A study on seismic isolation of building used LRB**  
Yurdakul M., Yıldız M. B.

CHALLENGE JOURNAL OF STRUCTURAL MECHANICS, vol.6, no.2, pp.52-60, 2020 (Peer-Reviewed Journal)

- VI. **Effectiveness of Wave Passage Effect of Seismic Isolated and Nonisolated Bridges Under Spatially Varying Ground Motion**  
YURDAKUL M., ATEŞ Ş.  
Engineering Sciences, vol.13, no.3, pp.201-216, 2018 (Peer-Reviewed Journal)
- VII. **Mechanical Properties of Conventional Concrete Produced With Different Type of Aggregates in Bayburt Region**  
Tekin I., Kotan T., Yurdakul M., Oner E.  
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.20, no.3, pp.513-518, 2017 (ESCI)
- VIII. Yurdakul M., Ateş Ş., Tonyalı Z.  
International Journal of Computational and Experimental Science and Engineering, vol.3, no.2, pp.29-32, 2017 (Peer-Reviewed Journal)

## **Metrics**

Publication: 23

Citation (WoS): 144

Citation (Scopus): 162

H-Index (WoS): 7

H-Index (Scopus): 7