

## Res. Asst. SERVET MERT KUTSAL

### Personal Information

Email: servet.mert@kocaeli.edu.tr

### International Researcher IDs

ORCID: 0000-0001-6985-8767

Publons / Web Of Science ResearcherID: F-7137-2018

Yoksis Researcher ID: 146478

### Education Information

Postgraduate, Istanbul Technical University, Afet Yönetimi Enstitüsü, Earthquake Engineering, Turkey 2013 - 2016

Undergraduate Double Major, Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, Turkey 2010 - 2013

Undergraduate, Yildiz Technical University, Faculty Of Civil Engineering, Çevre Mühendisliği Bölümü, Turkey 2008 - 2012

### Research Areas

Civil Engineering, Hydraulic, Mechanical

### Academic Titles / Tasks

Research Assistant, Kocaeli University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2014 - Continues

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

- I. **Deformation Analysis of Variable Thickness Rotating Disks Using an Improved Adomian Decomposition Technique**  
Mert Kutsal S., Coşkun S. B.  
International Journal of Applied Mechanics, vol.12, 2020 (Journal Indexed in SCI)
- II. **CHARACTERIZATION OF AMBIENT VOLATILE ORGANIC COMPOUNDS AND THEIR DIURNAL VARIATIONS IN ISTANBUL, TURKEY**  
DEMİR S., SARAL A., Isik D., Akyıldız A., KUZU S. L. , Mert S., Demir G., GONCALOĞLU B. İ.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.20, no.11, pp.2951-2958, 2011 (Journal Indexed in SCI)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Buckling of Nanobeams Using Adomian Decomposition Method**  
COŞKUN S. B. , MERT KUTSAL S.  
4th INTERNATIONAL ENERGY ENGINEERING CONGRESS 2019 (UEMK 2019), Gaziantep, Turkey, 24 - 25 October 2019, pp.601-605
- II. **Vibration of Nanobeams Using Adomian Decomposition Method**  
COŞKUN S. B. , MERT KUTSAL S.

4th INTERNATIONAL ENERGY ENGINEERING CONGRESS 2019 (UEMK 2019), Gaziantep, Turkey, 24 - 25 October 2019, pp.606-610

- III. **Is Civil Engineering Education at Kocaeli University Helping Students Realize Their Potentialities?**  
ERDOĞAN H., GAZELOĞLU C., ENGİN S., COŞKUN S. B. , ATAY M. T. , MERT KUTSAL S.  
13th INTERNATIONAL CONGRESS ON ADVANCES IN CIVIL ENGINEERING (ACE2018), 12 - 14 September 2018
- IV. **Analytical Approximations for Elastic Stresses and Displacements of Variable Thickness Rotating Disks via Improved Adomian Decomposition Method**  
MERT KUTSAL S., COŞKUN S. B.  
13th INTERNATIONAL CONGRESS ON ADVANCES IN CIVIL ENGINEERING (ACE 2018), 12 - 14 September 2018
- V. **SOME ANALYTICAL APPROXIMATE METHODS FOR TORSIONAL VIBRATIONS AND STABILITY OF THIN-WALLED BEAMS ON ELASTIC FOUNDATIONS**  
COŞKUN S. B. , MERT KUTSAL S., GÖÇER M.  
3rd CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, İstanbul, Turkey, 19 - 21 December 2017, pp.581
- VI. **ANALYSIS OF TWIST-BEND BUCKLING OF A CANTILEVER BEAM SUBJECTED TO AN END LOAD VIA ADM AND VIM**  
YÜCESOY A., COŞKUN S. B. , MERT KUTSAL S.  
3rd CONFERENCE ON ADVANCES IN MECHANICAL, İstanbul, Turkey, 19 - 21 December 2017, pp.587
- VII. **Analysis of Beams on Elastic Foundation Using Artificial Lyapunov Parameter**  
MERT KUTSAL S., TEMİZ M. M. , COŞKUN S. B.  
3rd Conference on Advance in Mechanical Engineering İstanbul 2017-ICAME 2017, İstanbul, Turkey, 19 - 21 December 2017
- VIII. **ANALYSIS OF BEAMS ON ELASTIC FOUNDATION USING ARTIFICIAL LYAPUNOV PARAMETER**  
MERT KUTSAL S., TEMİZ M. M. , COŞKUN S. B.  
3rd CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, İstanbul, Turkey, 19 - 21 December 2017, pp.390
- IX. **Modelling of Tsunami for multiple mass movements under the sea**  
HAYIR A., MERT KUTSAL S.  
16th World Conference on Earthquake, 9 - 13 January 2017
- X. **The Effects Of Sliding Block As A Kind Of Submarine Mass Movements On The Tsunami Amplitudes**  
MERT KUTSAL S., HAYIR A.  
The 26th International Ocean and Polar Engineering Conference, Rodos, Greece, 26 June - 01 July 2016, pp.695
- XI. **OBSERVING THE EFFECT OF SOURCE LOCATION AND SIZE ON TSUNAMI AMPLITUDES FOR LANDSLIDE SOURCED TSUNAMIS**  
MERT KUTSAL S., HAYIR A.  
International Conference On Engineering And Natural Science, Saraybosna, Bosnia And Herzegovina, 24 - 28 May 2016, pp.970-974
- XII. **IMPORTANCE OF WATER DEPTH AND ITS EFFECT ON TSUNAMI AMPLITUDES**  
MERT KUTSAL S.  
Natural Disasters and Disaster Management Symposium (DAAYS'xx16), Karabük, Karabük, Turkey, 2 - 04 March 2016, pp.488-491
- XIII. **Effects of Submarine Multiple Mass Movements on Near The Field Tsunami Amplitudes**  
MERT S., HAYIR A.  
5. Uluslararası Deprem Sempozyumu, Kocaeli, Turkey, 10 - 12 June 2015, pp.114

## Metrics

Publication: 15

Citation (WoS): 6

Citation (Scopus): 9

H-Index (WoS): 1

H-Index (Scopus): 1