

## Asst. Prof. FATİH YESEVİ OKUR

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Karadeniz Technical University, İnşaat Mühendisliği, Turkey 2017 - 2023

Postgraduate, Karadeniz Technical University, -, İnşaat Mühendisliği, Turkey 2015 - 2017

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 2011 - 2015

### Certificates, Courses and Trainings

Education Management and Planning, .Net Yazılım Uzmanı, Vektörel Bilişim, 2017

Education Management and Planning, Primavera P6, PRM Yazılım, 2016

Education Management and Planning, Autodesk Uzman Öğrencisi, Autodesk, 2016

Education Management and Planning, Revit, Proje Tamamlama Sertifikası, Autodesk, 2015

### Dissertations

Doctorate, Development of Engineering Softwares for Damage Detection and Long Term Structural Health Monitoring of Engineering Structures, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2023

Postgraduate, Mühendislik yapılarında analitik, sayısal ve deneysel yöntemlere dayalı hasar tespiti, Karadeniz Technical University, -, İnşaat Mühendisliği, 2017

### Research Areas

Civil Engineering, Structure, Buildings (industrial, commercial and public), Structural Engineering, Steel Structures, Performance of Constructed Facilities, Earthquake Engineering, Concrete Structures, Masonry Structures, Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2023 - Continues

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2018 - 2023

Research Assistant, University of Central Florida, Department Of Civil, Environmental, And Construction Engineering,

## Academic and Administrative Experience

BAP Scientific Commissioner, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2024 - Continues

Deputy Director of the Center, Karadeniz Technical University, Deprem ve Yapı Sağlığı Uygulama ve Araştırma Merkezi, 2024 - Continues

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

- I. **A Simulation-Based Investigation on Thermal Responses of Suspension Bridge Tower Under Different Fire Scenarios**  
Mostofi S., ALTUNIŞIK A. C., AKBULUT Y. E., OKUR F. Y.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, no.3, pp.1945-1967, 2025 (SCI-Expanded)
- II. **Applications of optical flow methods and computer vision in structural health monitoring for enhanced modal identification**  
Haciefendioğlu K., Kahya V., Limongelli M. G., Okur F. Y., Altunışık A. C., Aslan T., Pembeoğlu S., Duman C., Bostan A., Aleit H.  
STRUCTURES, vol.69, 2024 (SCI-Expanded)
- III. **Investigation of the Effects of Sprinkler System in Automated Vehicle Parking Structures Using Performance-Based Fire Assessment**  
ALTUNIŞIK A. C., Mostofi S., BALTACI A., AKBULUT Y. E., OKUR F. Y.  
FIRE TECHNOLOGY, 2024 (SCI-Expanded)
- IV. **Modal participation ratio in damage identification of building structures: A numerical validation**  
YILMAZ Z., OKUR F. Y., GÜNAYDIN M., ALTUNIŞIK A. C.  
JVC/Journal of Vibration and Control, vol.30, no.15-16, pp.3269-3283, 2024 (SCI-Expanded)
- V. **Performance-based fire assessment of a fully automated multi-storey steel parking structure: A computational approach**  
Mostofi S., Baltacı A., Akbulut Y. E., Okur F. Y., Altunışık A. C.  
CASE STUDIES IN THERMAL ENGINEERING, vol.60, 2024 (SCI-Expanded)
- VI. **Field Observations and Numerical Investigations on Seismic Damage Assessment of RC and Masonry Minarets During the February 6th, 2023, Kahramanmaraş (Mw 7.7 Pazarcık and Mw 7.6 Elbistan) Earthquakes in Türkiye**  
Atmaca B., Ertürk Atmaca E., Roudane B., Güleş O., Demirkaya E., Aykanat B., Altunışık A. C., Günaydın M., Arslan M. E., Kahya V., et al.  
INTERNATIONAL JOURNAL OF ARCHITECTURAL HERITAGE, 2024 (SCI-Expanded)
- VII. **Experimental measurement-based FE model updating and seismic response of Santa Maria Church and its guesthouse building**  
ALTUNIŞIK A. C., GÜNAYDIN M., ERTÜRK ATMACA E., GENÇ A. F., OKUR F. Y., SEVİM B.  
Journal of Civil Structural Health Monitoring, vol.14, no.3, pp.663-692, 2024 (SCI-Expanded)
- VIII. **Field Observations and Damage Evaluation in Reinforced Concrete Buildings After the February 6th, 2023, Kahramanmaraş-Türkiye Earthquakes**  
Altunışık 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)
- IX. **Enhanced Modal Participation Ratio-Based Structural Damage Identification: A New Filtering Approach Using Modal Assurance Criteria**  
Yılmaz Z., OKUR F. Y., GÜNAYDIN M., ALTUNIŞIK A. C.  
Buildings, vol.13, no.10, 2023 (SCI-Expanded)

- X. **Progressive collapse assessment of Osmangazi Suspension Bridge due to sudden hanger breakage under different loading conditions**  
Kalkan Okur E., OKUR F. Y., ALTUNIŞIK A. C., GÜNAYDIN M., ADANUR S.  
ENGINEERING FAILURE ANALYSIS, vol.149, 2023 (SCI-Expanded)
- XI. **Post-earthquake damage assessments of unreinforced masonry (URM) buildings by shake table test and numerical visualization**  
Kaya A., ADANUR S., Bello R. A., GENÇ A. F., OKUR F. Y., SUNCA F., GÜNAYDIN M., ALTUNIŞIK A. C., SEVİM B.  
Engineering Failure Analysis, vol.143, 2023 (SCI-Expanded)
- XII. **Experimental investigation on new mechanical systems effectiveness to reduce the coupling beam damages**  
Sesli H., HÜSEM M., SUNCA F., ALTUNIŞIK A. C., OKUR F. Y.  
BULLETIN OF EARTHQUAKE ENGINEERING, vol.21, no.1, pp.535-582, 2023 (SCI-Expanded)
- XIII. **Diagnosis and Monitoring of Historical Timber Velipasa Han Building Prior to Restoration**  
GÜNAYDIN M., DEMİRKIR C., ALTUNIŞIK A. C., GEZER E. D., GENÇ A. F., OKUR F. Y.  
INTERNATIONAL JOURNAL OF ARCHITECTURAL HERITAGE, vol.17, no.2, pp.285-309, 2023 (SCI-Expanded)
- XIV. **Soil-Structure Interaction and Earthquake Input Models Effect on the Structural Response of the Santa Maria Church and Guesthouse Building**  
ALTUNIŞIK A. C., GENÇ A. F., ERTÜRK E., GÜNAYDIN M., OKUR F. Y., SEVİM B.  
JOURNAL OF EARTHQUAKE ENGINEERING, vol.27, no.14, pp.4094-4125, 2023 (SCI-Expanded)
- XV. **Structural condition assessment of a historical masonry school building using experimental and numerical methods**  
GÜNAYDIN M., GENÇ A. F., Altunsisk A. C., HACIEFENDİOĞLU K., OKUR F. Y., Okur E., ADANUR S.  
JOURNAL OF CIVIL STRUCTURAL HEALTH MONITORING, vol.12, no.5, pp.1083-1113, 2022 (SCI-Expanded)
- XVI. **Nondestructive Experimental Measurement, Model Updating, and Fatigue Life Assessment of carsamba Suspension Bridge**  
GÜNAYDIN M., SUNCA F., ALTUNIŞIK A. C., Ergun M., OKUR F. Y.  
JOURNAL OF BRIDGE ENGINEERING, vol.27, no.2, 2022 (SCI-Expanded)
- XVII. **FE model updating and seismic performance evaluation of a historical masonry clock tower**  
GÜNAYDIN M., ERTÜRK E., GENÇ A. F., OKUR F. Y., ALTUNIŞIK A. C., TAVŞAN C.  
EARTHQUAKES AND STRUCTURES, vol.22, no.1, pp.65-82, 2022 (SCI-Expanded)
- XVIII. **Multiple damage detection in laminated composite beams using automated model update**  
Kahya V., Okur F. Y., Şimşek S., Altunışık A. C., Aslan M.  
STRUCTURES, vol.34, pp.1665-1683, 2021 (SCI-Expanded)
- XIX. **Modal identification and fatigue behavior of Eynel steel arch highway bridge with calibrated models**  
SUNCA F., Ergun M., ALTUNIŞIK A. C., GÜNAYDIN M., OKUR F. Y.  
JOURNAL OF CIVIL STRUCTURAL HEALTH MONITORING, vol.11, no.5, pp.1337-1354, 2021 (SCI-Expanded)
- XX. **Dynamic response of a traditional himis, mansion using updated FE model with operational modal testing**  
Okur E. K., ALTUNIŞIK A. C., OKUR F. Y., Meral M., YILMAZ Z., GÜNAYDIN M., GENÇ A. F.  
JOURNAL OF BUILDING ENGINEERING, vol.43, 2021 (SCI-Expanded)
- XXI. **Optimal sensor placements for system identification of concrete arch dams**  
ALTUNIŞIK A. C., SEVİM B., SUNCA F., OKUR F. Y.  
ADVANCES IN CONCRETE CONSTRUCTION, vol.11, no.5, pp.397-407, 2021 (SCI-Expanded)
- XXII. **Damage Localization in Laminated Composite Beams with Multiple Edge Cracks Based on Vibration Measurements**  
KAHYA V., Karaca S., OKUR F. Y., ALTUNIŞIK A. C., ASLAN M.  
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, vol.45, no.1, pp.75-87, 2021 (SCI-Expanded)
- XXIII. **Optimal Sensor Placement for Laminated Composite and Steel Cantilever Beams by the Effective Independence Method**  
SUNCA F., Okur F. Y., Altunisik A. C., Kahya V.

- STRUCTURAL ENGINEERING INTERNATIONAL, vol.31, no.1, pp.85-92, 2021 (SCI-Expanded)
- XXIV. **Numerical and Experimental Investigation on Dynamic Characteristic Changes of Encased Steel Profile Before and After Cyclic Loading Tests**  
Nasery M. M., HÜSEM M., OKUR F. Y., ALTUNIŞIK A. C.  
INTERNATIONAL JOURNAL OF CIVIL ENGINEERING, vol.18, no.12, pp.1411-1431, 2020 (SCI-Expanded)
- XXV. **Ambient vibration test and modelling of historical timer mosques after restoration**  
ALTUNIŞIK A. C., KARAHASAN O. Ş., OKUR F. Y., Kalkan E., ÖZGAN K.  
PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-STRUCTURES AND BUILDINGS, vol.173, no.12, pp.956-968, 2020 (SCI-Expanded)
- XXVI. **Model updating-based automated damage detection of concrete-encased composite column-beam connections**  
Nasery M. M., HÜSEM M., OKUR F. Y., ALTUNIŞIK A. C., Nasery M. E.  
STRUCTURAL CONTROL & HEALTH MONITORING, vol.27, no.10, 2020 (SCI-Expanded)
- XXVII. **Nonlinear Dynamic Response of a RC Frame for Different Structural Conditions Including the Effect of FE Model Updating**  
GÜNAYDIN M., GENÇ A. F., KARAHASAN O. Ş., ALTUNIŞIK A. C., OKUR F. Y., ADANUR S.  
INTERNATIONAL JOURNAL OF CIVIL ENGINEERING, vol.18, no.5, pp.551-567, 2020 (SCI-Expanded)
- XXVIII. **FE Model Updating and Dynamic Responses of Reconstructed Historical Timber Bridges using Ambient Vibration Test Results**  
Altunışık A. C., Kalkan E., Okur F. Y., Karahasan O. Ş., Özgan K.  
Journal Of Performance Of Constructed Facilities, vol.34, no.1, 2020 (SCI-Expanded)
- XXIX. **Damage effect on experimental modal parameters of haunch strengthened concrete-encased composite column-beam connections**  
Nasery M. M., HÜSEM M., OKUR F. Y., ALTUNIŞIK A. C.  
INTERNATIONAL JOURNAL OF DAMAGE MECHANICS, vol.29, no.2, pp.297-334, 2020 (SCI-Expanded)
- XXX. **Finite-Element Model Updating and Dynamic Responses of Reconstructed Historical Timber Bridges using Ambient Vibration Test Results**  
ALTUNIŞIK A. C., KALKAN E., OKUR F. Y., KARAHASAN O. Ş., ÖZGAN K.  
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.34, no.1, 2020 (SCI-Expanded)
- XXXI. **Dynamic analyses of experimentally-updated FE model of historical masonry clock towers using site-specific seismic characteristics and scaling parameters according to the 2018 Turkey building earthquake code**  
GENÇ A. F., Ergun M., GÜNAYDIN M., ALTUNIŞIK A. C., ATEŞ Ş., OKUR F. Y., Mosallam A. S.  
ENGINEERING FAILURE ANALYSIS, vol.105, pp.402-426, 2019 (SCI-Expanded)
- XXXII. **Optimal Sensor Placement for Laminated Composite and Steel Cantilever Beams by Effective Independence Method**  
Sunca F., OKUR F. Y., ALTUNIŞIK A. C., KAHYA V.  
STRUCTURAL ENGINEERING INTERNATIONAL, vol.--, 2019 (SCI-Expanded)
- XXXIII. **Non-destructive modal parameter identification of historical timber bridges using ambient vibration tests after restoration**  
ALTUNIŞIK A. C., KALKAN E., OKUR F. Y., ÖZGAN K., KARAHASAN O. Ş., Bostancı A.  
MEASUREMENT, vol.146, pp.411-424, 2019 (SCI-Expanded)
- XXXIV. **Finite Element Model Updating and Dynamic Analysis of a Restored Historical Timber Mosque Based on Ambient Vibration Tests**  
ALTUNIŞIK A. C., KARAHASAN O. Ş., OKUR F. Y., KALKAN E., ÖZGAN K.  
JOURNAL OF TESTING AND EVALUATION, vol.47, no.5, pp.3533-3562, 2019 (SCI-Expanded)
- XXXV. **Free vibrations of laminated composite beams with multiple edge cracks: Numerical model and experimental validation**  
KAHYA V., Karaca S., OKUR F. Y., ALTUNIŞIK A. C., ASLAN M.  
INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, vol.159, pp.30-42, 2019 (SCI-Expanded)
- XXXVI. **Vibrations of a Box-Sectional Cantilever Timoshenko Beam with Multiple Cracks**

- ALTUNIŞIK A. C., OKUR F. Y., KAHYA V.  
INTERNATIONAL JOURNAL OF STEEL STRUCTURES, vol.19, no.2, pp.635-649, 2019 (SCI-Expanded)
- XXXVII. **Vibration-based damage detection in beam structures with multiple cracks: modal curvature vs. modal flexibility methods**  
ALTUNIŞIK A. C., OKUR F. Y., Karaca S., KAHYA V.  
NONDESTRUCTIVE TESTING AND EVALUATION, vol.34, no.1, pp.33-53, 2019 (SCI-Expanded)
- XXXVIII. **Damage effect on experimental modal parameters of haunch strengthened concrete encased composite column-beam connections**  
NASERY M. M., HÜSEM M., OKUR F. Y., ALTUNIŞIK A. C.  
INTERNATIONAL JOURNAL OF DAMAGE MECHANICS, vol.–, 2019 (SCI-Expanded)
- XXXIX. **Automated Model Updating Effect on the Linear and Nonlinear Dynamic Responses of Historical Masonry Structures**  
ALTUNIŞIK A. C., OKUR F. Y., GENÇ A. F., Guenaydin M., KARAHASAN O. Ş.  
EXPERIMENTAL TECHNIQUES, vol.42, no.6, pp.605-621, 2018 (SCI-Expanded)
- XL. **Dynamic response of a historical armory building using the finite element model validated by the ambient vibration test**  
ALTUNIŞIK A. C., GENÇ A. F., Gunaydin M., OKUR F. Y., KARAHASAN O. Ş.  
JOURNAL OF VIBRATION AND CONTROL, vol.24, no.22, pp.5472-5484, 2018 (SCI-Expanded)
- XLI. **Effect of Fiber-Reinforced Polymer Strengthening on Dynamic Characteristics of Reinforced Concrete Frame Using Model Updating**  
ALTUNIŞIK A. C., KARAHASAN O. Ş., GENÇ A. F., OKUR F. Y., GÜNAYDIN M., KALKAN E., ADANUR S.  
ACI STRUCTURAL JOURNAL, vol.115, no.6, pp.1589-1601, 2018 (SCI-Expanded)
- XLII. **Sensitivity-Based Model Updating of Building Frames using Modal Test Data**  
ALTUNIŞIK A. C., KARAHASAN O. Ş., GENÇ A. F., OKUR F. Y., Gunaydin M., ADANUR S.  
KSCE JOURNAL OF CIVIL ENGINEERING, vol.22, no.10, pp.4038-4046, 2018 (SCI-Expanded)
- XLIII. **Experimental evaluation of damage effect on dynamic characteristics of concrete encased composite column-beam connections**  
HÜSEM M., NASERY M. M., OKUR F. Y., ALTUNIŞIK A. C.  
ENGINEERING FAILURE ANALYSIS, vol.91, pp.129-150, 2018 (SCI-Expanded)
- XLIV. **Modal parameter identification of RC frame under undamaged, damaged, repaired and strengthened conditions**  
ALTUNIŞIK A. C., KARAHASAN O. Ş., GENÇ A. F., OKUR F. Y., Gunaydin M., KALKAN E., ADANUR S.  
MEASUREMENT, vol.124, pp.260-276, 2018 (SCI-Expanded)
- XLV. **Ambient Vibration-Based System Identification of a Medieval Masonry Bastion for Health Assessment using Nonlinear Analyses**  
ALTUNIŞIK A. C., GENÇ A. F., Gunaydin M., ADANUR S., OKUR F. Y.  
INTERNATIONAL JOURNAL OF NONLINEAR SCIENCES AND NUMERICAL SIMULATION, vol.19, no.2, pp.107-124, 2018 (SCI-Expanded)
- XLVI. **Automated Model Updating of Historical Masonry Structures Based on Ambient Vibration Measurements**  
ALTUNIŞIK A. C., OKUR F. Y., GENÇ A. F., Gunaydin M., ADANUR S.  
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.32, no.1, 2018 (SCI-Expanded)
- XLVII. **Automated model updating of multiple cracked cantilever beams for damage detection**  
ALTUNIŞIK A. C., OKUR F. Y., KAHYA V.  
Journal of Constructional Steel Research, vol.138, pp.499-512, 2017 (SCI-Expanded)
- XLVIII. **Modal parameter identification and vibration based damage detection of a multiple cracked cantilever beam**  
ALTUNIŞIK A. C., OKUR F. Y., KAHYA V.  
ENGINEERING FAILURE ANALYSIS, vol.79, pp.154-170, 2017 (SCI-Expanded)
- XLIX. **Structural identification of a cantilever beam with multiple cracks: Modeling and validation**  
Altumsik A. C., OKUR F. Y., KAHYA V.

INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, vol.130, pp.74-89, 2017 (SCI-Expanded)

**L. Structural Identification of a Cantilever Beam with Multiple Cracks: Modelling and Validation**

ALTUNIŞIK A. C., OKUR F. Y., KAHYA V.

INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, vol.130, pp.74-89, 2017 (SCI-Expanded)

**LI. An Investigation of the Seismic Behaviour of an Ancient Masonry Bastion Using Non-Destructive and Numerical Methods**

ALTUNIŞIK A. C., ADANUR S., GENÇ A. F., Gunaydin M., OKUR F. Y.

EXPERIMENTAL MECHANICS, vol.57, no.2, pp.245-259, 2017 (SCI-Expanded)

**LII. Non-destructive testing of an ancient Masonry Bastion**

ALTUNIŞIK A. C., ADANUR S., GENÇ A. F., Gunaydin M., OKUR F. Y.

JOURNAL OF CULTURAL HERITAGE, vol.22, pp.1049-1054, 2016 (SCI-Expanded)

## Articles Published in Other Journals

**I. Next-Gen warehousing: Integrating automation and control in CAD for efficient industrial rack system design using parametric modeling**

OKUR F. Y.

Journal of Construction Engineering, Management & Innovation (Online), vol.7, no.2, pp.112-126, 2024 (Peer-Reviewed Journal)

**II. Finite element model updating of İskenderpaşa mosque and minaret based on experimental measurements**

GENÇ A. F., ALTUNIŞIK A. C., Günaydin M., OKUR F. Y.

Journal of Structural Engineering & Applied Mechanics (Online), vol.5, no.4, pp.264-276, 2022 (Peer-Reviewed Journal)

**III. Effect of Damping Ratios on the Seismic Behavior of a Historical Masonry Guesthouse Building**

GENÇ A. F., ERTÜRK E., ALTUNIŞIK A. C., GÜNAYDIN M., OKUR F. Y.

Recep Tayyip Erdogan University Journal of Science and Engineering, vol.2, no.2, pp.60-71, 2021 (Peer-Reviewed Journal)

**IV. Experimental Modal Analysis and Structural Health Monitoring of the Double Curvature Deriner Arch Dam**

ALTUNIŞIK A. C., Kalkan Okur E., OKUR F. Y., GÜNAYDIN M., GENÇ A. F.

Natural and Applied Sciences Journal, vol.4, no.1, pp.22-29, 2021 (Peer-Reviewed Journal)

## Books & Book Chapters

**I. İnşaat Mühendisliğinde Tekla Structures Uygulamaları**

ATEŞ Ş., OKUR F. Y., ALTUNIŞIK A. C.

Dynamic Academy, 2019

**II. İnşaat Mühendisliğinde ANSYS Uygulamaları**

ALTUNIŞIK A. C., GÜNAYDIN M., GENÇ A. F., OKUR F. Y.

Dynamic Academy Yazılım İnşaat San. Tic. Ltd. Şti, 2018

**III. Structural Identification of Historical Masonry Structures: Finite Element Analyses, Ambient Vibration Tests, Model Updating and Earthquake Response**

ALTUNIŞIK A. C., GENÇ A. F., GÜNAYDIN M., Okur F. Y.

Scholar Press–Lambert Academic Publishing, Balti, 2017

**IV. Structural Identification of Historical Masonry Structures: Finite Element Analyses, Ambient Vibration Testing, Model Updating and Earthquake Response**

ALTUNIŞIK A. C., GENÇ A. F., GÜNAYDIN M., OKUR F. Y.

LAP LAMBERT Academic Publishing, Balti, 2017

## Refereed Congress / Symposium Publications in Proceedings

- I. **Ambient vibration testing of a high rise building**  
Şahin M. C., OKUR F. Y., SUNCA F., GÜNAYDIN M., ALTUNIŞIK A. C.  
Proceedings of 3rd International Civil Engineering and Architecture Congress, Turkey, 12 October 2023
- II. **Ambient vibration based model updating of a historical masonry church**  
ERTÜRK E., ALTUNIŞIK A. C., GENÇ A. F., GÜNAYDIN M., OKUR F. Y.  
International Congress on Phenomenological Aspects in Civil Engineering, PACE 2023, Erzurum, Turkey, 20 - 23 June 2023
- III. **Experimental investigation of optimal sensor placement of a laminated composite cantilever beam**  
SUNCA F., OKUR F. Y., ALTUNIŞIK A. C., KAHYA V.  
International Congress on the Phenomenological Aspects of Civil Engineering, Erzurum, Turkey, 20 - 23 June 2021
- IV. **Damage localization in laminated composite beams using modal data**  
KAHYA V., ŞİMŞEK S., ALTUNIŞIK A. C., OKUR F. Y., ASLAN M.  
IES'20 International Engineering Symposium, Engineering Applications in Industry (Virtual), İzmir, Turkey, 05 December 2020, pp.9-19
- V. **Localisation of open transverse cracks in laminated composite beams based on modal data**  
KAHYA V., karaca S., ALTUNIŞIK A. C., OKUR F. Y., ASLAN M.  
International Congress on engineering and Architecture, Antalya, Turkey, 14 - 16 November 2018
- VI. **Localization of Open Transverse Cracks in Laminated Composite Beams Based on Modal Data**  
KAHYA V., ŞİMŞEK S., ALTUNIŞIK A. C., OKUR F. Y., ASLAN M.  
International Congress on Engineering and Architecture, Alanya, Turkey, 14 - 16 November 2018
- VII. **Vibration Characteristics of Historical Masonry Museum**  
GENÇ A. F., OKUR F. Y., GÜNAYDIN M., ALTUNIŞIK A. C.  
INTERNATIONAL CONFERENCE ON INNOVATIVE ENGINEERING APPLICATIONS, 20 - 22 September 2018
- VIII. **Experimental Modal Testing of a Historical Clock Tower**  
OKUR F. Y., GENÇ A. F., GÜNAYDIN M., ALTUNIŞIK A. C.  
INTERNATIONAL CONFERENCE ON INNOVATIVE ENGINEERING APPLICATIONS, 20 - 22 September 2018
- IX. **Natural Frequency Analysis of Laminated Composite Beams with Multiple Open Transverse Cracks**  
KAHYA V., ŞİMŞEK S., OKUR F. Y., ALTUNIŞIK A. C., ASLAN M.  
International Conference on Innovative Engineering Applications, Sivas, Turkey, 20 - 22 September 2018, pp.327-334
- X. **Ambient Vibration Testing Of A Historical Masonry Minaret**  
ALTUNIŞIK A. C., GÜNAYDIN M., GENÇ A. F., Okur F. Y.  
3. International Conference on Civil and Environmental Engineering, 24 - 27 April 2018
- XI. **Finite Element Model Updating of Historical Masonry Structures**  
ALTUNIŞIK A. C., Okur F. Y., GENÇ A. F., GÜNAYDIN M., ADANUR S.  
2nd International Conference on Advanced Engineering Technologies, 21 September - 23 October 2017
- XII. **Damage Effect on the Dynamic Characteristics of Buildings**  
ALTUNIŞIK A. C., Karahasan O. Ş., GENÇ A. F., Okur F. Y., GÜNAYDIN M., ADANUR S.  
2nd International Conference on Advanced Engineering Technologies, 21 September - 23 October 2017
- XIII. **Damage detection of a multiple cracked cantilever beam**  
ALTUNIŞIK A. C., OKUR F. Y., KAHYA V., KARACA S.  
8th International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017, pp.75-82
- XIV. **Evaluation of Dynamic Response of Reinforced Concrete Buildings by Operational Modal Analysis Method**  
ALTUNIŞIK A. C., Karahasan O. Ş., Okur F. Y., GENÇ A. F., GÜNAYDIN M., ADANUR S.  
4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 11 - 13 October 2017
- XV. **Finite Element Model Updating Effect on Earthquake Behaviour of Masonry Structures**  
ALTUNIŞIK A. C., GENÇ A. F., GÜNAYDIN M., Okur F. Y., ADANUR S.  
4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 11 - 13 October 2017

- XVI. **Tarihi Yiğma Yapılarda Sonlu Eleman Model İyileştirmesi**  
ALTUNIŞIK A. C., OKUR F. Y., GENÇ A. F., GÜNAYDIN M., ADANUR S.  
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- XVII. **Ambient Vibration Tests of Historical Masonry Buildings for Structural Condition Assessment**  
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## Supported Projects

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Publication: 89

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## Scholarships

TÜBİTAK "2214/A Yurt Dışı Doktora Sırası Araştırma Bursu", TUBITAK, 2019 - 2020

## Awards

Okur F. Y., Gold Metal Award, Isif'24 |9. Uluslararası Buluş Fuarı 202, October 2024

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Okur F. Y., 1st Place Award, Tekla Global Student BIM Awards 2018, Trimble, Las Vegas, Abd, September 2018

Okur F. Y., 2nd Place Award, Ahlat Youth Camp Design Competition, Bitlis İl Özel İdaresi, August 2017

Okur F. Y., Yılım Başarılı Öğrencisi Ödülü, Karadeniz Teknik Üniversitesi, May 2016

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