

# SÜLEYMAN ADANUR

## PROF.

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### International Researcher IDs

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## Learning Knowledge

Post Doctorate 2006 - 2007	University of California, Irvine, Henry Samueli School Of Engineering, Department Of Civil And Environmental Engineering, United States Of America
Doctorate 1997 - 2003	Karadeniz Technical University, -, İnşaat Mühendisliği, Turkey
Postgraduate 1990 - 1997	Karadeniz Technical University, -, İnşaat Mühendisliği, Turkey
Undergraduate 1990 - 1994	Karadeniz Technical University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, Turkey

## Foreign Languages

English, B2 Upper Intermediate

## Certificates, Courses and Trainings

Education Management and Planning, Fen Bilimleri Alanında TÜBİTAK İçin Araştırma Proje Önerisi Hazırlama ve Yürütme Uygulamalı Eğitimi, TÜBİTAK, 2013

Occupational Health and Safety, İşyeri Hekimliği ve İş Güvenliği Uzmanlığı Eğitici Belgesi, T.C. Çalışma ve Sosyal Güvenlik Bakanlığı, 2013

Education Management and Planning, Deprem Bölgelerinde Yapılacak Binalar Hakkında Yönetmelik, T.C. Çevre ve Şehircilik Bakanlığı, 2012

## Dissertations

Doctorate, Mesnetlerinden Farklı Dinamik Etkilere Maruz Asma Köprülerin Geometrik Olarak Lineer Olmayan Deterministik ve Stokastik Analizi, Karadeniz Technical University, -, İnşaat Mühendisliği, 2003

Postgraduate, Asma Köprülerin Geometrik Olarak Lineer Olmayan ve Elastik Zemin Analjisi ile Dinamik Analizi, Karadeniz Technical University, -, İnşaat Mühendisliği, 1997

## Academic Titles / Tasks

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Professor 2017 - Continues	Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği
Associate Professor 2012 - 2017	Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği
Assistant Professor 2007 - 2012	Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği
Research Assistant PhD 2003 - 2007	Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği
Research Assistant 1995 - 2003	Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği

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

- Numerical and Experimental Investigation on Cyclic Behavior of Masonry Infill Walls Retrofitted with CFRP**  
Roudane B., ADANUR S., ALTUNIŞIK A. C.  
International Journal of Civil Engineering, vol.22, no.7, pp.1117-1136, 2024 (SCI-Expanded)
- Automatic Landslide Segmentation Using a Combination of Grad-CAM Visualization and K-Means Clustering Techniques**  
HACIEFENDİOĞLU K., ADANUR S., Demir G.  
Iranian Journal of Science and Technology - Transactions of Civil Engineering, vol.48, no.2, pp.943-959, 2024 (SCI-Expanded)
- Estimation of Damage Levels in Masonry Structures Following Earthquake Impact Using Deep Learning-based Segmentation Method**  
HACIEFENDİOĞLU K., ÖZGAN K., ADANUR S., ALTUNIŞIK A. C., Demirel B., GÜNAYDIN M.  
Journal of Earthquake and Tsunami, vol.18, no.2, 2024 (SCI-Expanded)
- 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., ALTUNIŞIK A. C., GÜNAYDIN M., Arslan M. E., KAHYA V., et al.  
International Journal of Architectural Heritage, 2024 (SCI-Expanded)
- Field Observations and Damage Evaluation in Reinforced Concrete Buildings After the February 6th, 2023, Kahramanmaraş-Türkiye Earthquakes**  
Altunışik 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)
- Experimental Study of the Effect of Different Insulation Schemes on Fire Performance of FRP Strengthened Concrete: FIRECOAT and REALROCK**  
ALTUNIŞIK A. C., AKBULUT Y. E., ADANUR S., GÜNAYDIN M., Mostofi S., Mosallam A.  
International Journal of Concrete Structures and Materials, vol.17, no.1, 2023 (SCI-Expanded)
- Evaluating the high-temperature endurance of FRP-strengthened concrete using an innovative**

**insulation system: Experimental investigation**

Altunışık A. C., Akbulut Y. E., Adanur S., Kaya A., Günaydın M., Mostofi S., Mosallam A.  
JOURNAL OF BUILDING ENGINEERING, vol.73, 2023 (SCI-Expanded)

8. **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)
9. **Investigation of the structural behaviors of Bosphorus suspension bridge with vertical hangers replaced by inclined hangers**  
ADANUR S., Okur E. K., Can Altunışık A., GÜNAYDIN M., Rahwan B. R.  
Alexandria Engineering Journal, vol.65, pp.75-102, 2023 (SCI-Expanded)
10. **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)
11. **Structural condition assessment of a historical masonry school building using experimental and numerical methods**  
GÜNAYDIN M., GENÇ A. F., Altunışık 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)
12. **Dynamic Characteristics Monitoring Changes of Damaged and Retrofitted RC Buildings**  
GÜNAYDIN M., ADANUR S., ALTUNIŞIK A. C., Mosallam A., SEVİM B.  
EXPERIMENTAL TECHNIQUES, vol.46, no.3, pp.457-484, 2022 (SCI-Expanded)
13. **Thermal cycling and ultraviolet radiation effects on fatigue performance of triaxial CFRP laminates for bridge applications**  
Mosallam A., Xin H., He S., Agwa A. A., ADANUR S., Salama M. A.  
JOURNAL OF COMPOSITE MATERIALS, vol.56, no.2, pp.279-294, 2022 (SCI-Expanded)
14. **Performance Evaluation of Reinforced Concrete Buildings During the Sivrice-Elazig Earthquake ( $M_w=6.8$ , January 24, 2020) in Accordance with Turkish Earthquake Code**  
DEMİR S., GÜNAYDIN M., ATMACA B., ALTUNIŞIK A. C., HÜSEM M., ADANUR S., ANGIN Z., ATEŞ Ş.  
JOURNAL OF EARTHQUAKE AND TSUNAMI, vol.15, no.04, 2021 (SCI-Expanded)
15. **Deformation modulus of rock foundation in Deriner Arch Dam**  
Yılmaz D., ALTUNIŞIK A. C., ADANUR S.  
GEOMECHANICS AND ENGINEERING, vol.26, no.1, pp.63-75, 2021 (SCI-Expanded)
16. **Seismic damage assessment of masonry buildings in Elazig and Malatya following the 2020 Elazig-Sivrice earthquake, Turkey**  
GÜNAYDIN M., ATMACA B., DEMİR S., ALTUNIŞIK A. C., HÜSEM M., ADANUR S., ATEŞ Ş., ANGIN Z.  
BULLETIN OF EARTHQUAKE ENGINEERING, vol.19, no.6, pp.2421-2456, 2021 (SCI-Expanded)
17. **Residual mechanical properties of triaxial CFRP laminates after thermal cycling and ultraviolet radiation exposure of composite bridge members**  
Mosallam A. S., Xin H., Salama M. A., ALTUNIŞIK A. C., ADANUR S., Elmikawi M.  
STRUCTURES, vol.30, pp.166-173, 2021 (SCI-Expanded)
18. **Field Investigation on the Performance of Mosques and Minarets during the Elazig-Sivrice Earthquake**  
ATMACA B., DEMİR S., GÜNAYDIN M., ALTUNIŞIK A. C., HÜSEM M., ATEŞ Ş., ADANUR S., ANGIN Z.  
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.34, no.6, 2020 (SCI-Expanded)
19. **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)
20. **Spatially variable effects on seismic response of the cable-stayed bridges considering local soil site conditions**

Tonyali Z., ATEŞ Ş., ADANUR S.

STRUCTURAL ENGINEERING AND MECHANICS, vol.70, no.2, pp.143-152, 2019 (SCI-Expanded)

21. **Experimental Investigation on Acceptable Difference Value in Modal Parameters for Model Updating Using RC Building Models**  
GÜNAYDIN M., ADANUR S., ALTUNIŞIK A. C.  
STRUCTURAL ENGINEERING INTERNATIONAL, vol.29, no.1, pp.150-159, 2019 (SCI-Expanded)
22. **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)
23. **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)
24. **Ambient vibration based structural evaluation of reinforced concrete building model**  
GÜNAYDIN M., ADANUR S., ALTUNIŞIK A. C.  
EARTHQUAKES AND STRUCTURES, vol.15, no.3, pp.335-350, 2018 (SCI-Expanded)
25. **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)
26. **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)
27. **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)
28. **STATIONARY AND TRANSIENT RESPONSES OF SUSPENSION BRIDGES TO SPATIALLY VARYING GROUND MOTIONS INCLUDING SITE RESPONSE EFFECT**  
ADANUR S., ALTUNIŞIK A. C., SOYLUK K., Dumanoglu A. A.  
ADVANCED STEEL CONSTRUCTION, vol.13, no.4, pp.378-398, 2017 (SCI-Expanded)
29. **System identification of arch dam model strengthened with CFRP composite materials**  
ALTUNIŞIK A. C., Gunaydin M., SEVİM B., ADANUR S.  
STEEL AND COMPOSITE STRUCTURES, vol.25, no.2, pp.231-244, 2017 (SCI-Expanded)
30. **Finite Modeling Updating Effects on the Dynamic Response of Building Models**  
Gunaydin M., ADANUR S., ALTUNIŞIK A. C., SEVİM B., BAYRAKTAR A.  
JOURNAL OF TESTING AND EVALUATION, vol.45, no.5, 2017 (SCI-Expanded)
31. **Finite Modeling Updating Effects on the Dynamic Response of Building Models**  
GÜNAYDIN M., ADANUR S., ALTUNIŞIK A. C., SEVİM B., BAYRAKTAR A.  
JOURNAL OF TESTING AND EVALUATION, vol.45, no.5, pp.1632-1649, 2017 (SCI-Expanded)
32. **Stationary and Transient Responses of Suspension Bridges to Spatially Varying Ground Motions Including Site Response Effect**  
ADANUR S., ALTUNIŞIK A. C., SOYLUK K., DUMANOĞLU A. A.  
ADVANCED STEEL CONSTRUCTION, vol.13, no.4, pp.378-397, 2017 (SCI-Expanded)
33. **Wave-passage effect on the seismic response of suspension bridges considering local soil conditions**  
ADANUR S., ALTUNIŞIK A. C., BAŞAĞA H. B., Soyuk K., DUMANOĞLU A. A.  
INTERNATIONAL JOURNAL OF STEEL STRUCTURES, vol.17, no.2, pp.501-513, 2017 (SCI-Expanded)
34. **Stationary and Transient Responses of Suspension Bridges to Spatially Varying Ground Motions Including Site Response Effect**

- ADANUR S., ALTUNIŞIK A. C., SOYLUK K., DUMANOĞLU A. A.  
ADVANCED STEEL CONSTRUCTION, vol.13, no.4, pp.378-397, 2017 (SCI-Expanded)
35. **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)
36. **Stochastic response of suspension bridges for various spatial variability models**  
ADANUR S., ALTUNIŞIK A. C., Soyuk K., DUMANOĞLU A. A.  
STEEL AND COMPOSITE STRUCTURES, vol.22, no.5, pp.1001-1018, 2016 (SCI-Expanded)
37. **Stationary and Transient Responses of Suspension Bridges to Spatially Varying Ground Motions Including Site Response Effect**  
ADANUR S., ALTUNIŞIK A. C., SOYLUK K., BAYRAKTAR A., DUMANOĞLU A. A.  
ADVANCED STEEL CONSTRUCTION, vol.--, 2016 (SCI-Expanded)
38. **Dynamic Characteristics of an Arch Dam Model before/after Strengthening Considering Reservoir Water**  
ALTUNIŞIK A. C., GÜNAYDIN M., SEVİM B., BAYRAKTAR A., ADANUR S.  
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.6, pp.45-61, 2016 (SCI-Expanded)
39. **Finite Modeling Updating Effects on the Dynamic Response of Building Models**  
GÜNAYDIN M., ADANUR S., ALTUNIŞIK A. C., SEVİM B., BAYRAKTAR A.  
JOURNAL OF TESTING AND EVALUATION, vol.45, no.5, pp.267-292, 2016 (SCI-Expanded)
40. **System Identification of a Prototype Arch Dam Model under Damaged, Repaired and Strengthened Conditions**  
ALTUNIŞIK A. C., GÜNAYDIN M., SEVİM B., BAYRAKTAR A., ADANUR S.  
ADVANCES IN MECHANICAL ENGINEERING, vol.10, pp.105-124, 2016 (SCI-Expanded)
41. **Dynamic Characteristics of an Arch Dam Model before and after Strengthening with Consideration of Reservoir Water**  
ALTUNIŞIK A. C., Gunaydin M., SEVİM B., BAYRAKTAR A., ADANUR S.  
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.30, no.6, 2016 (SCI-Expanded)
42. **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)
43. **Retrofitting Effect on the Dynamic Properties of Model Arch Dam with and without Reservoir Water using Ambient Vibration Test Methods**  
ALTUNIŞIK A. C., Gunaydin M., SEVİM B., BAYRAKTAR A., ADANUR S.  
JOURNAL OF STRUCTURAL ENGINEERING-ASCE, vol.142, no.10, pp.1-20, 2016 (SCI-Expanded)
44. **Multiple-Support Seismic Response of Bosphorus Suspension Bridge for Various Random Vibration Methods**  
ADANUR S., ALTUNIŞIK A. C., SOYLUK K., BAYRAKTAR A., DUMANOĞLU A. A.  
STRUCTURAL ENGINEERING INTERNATIONAL, vol.5, pp.54-67, 2016 (SCI-Expanded)
45. **Contribution of local site-effect on the seismic response of suspension bridges to spatially varying ground motions**  
ADANUR S., ALTUNIŞIK A. C., SOYLUK K., Dumanoglu A. A., Bayraktar A.  
EARTHQUAKES AND STRUCTURES, vol.10, no.5, pp.1233-1251, 2016 (SCI-Expanded)
46. **Retrofitting Effect on the Dynamic Properties of Model-Arch Dam with and without Reservoir Water Using Ambient-Vibration Test Methods**  
ALTUNIŞIK A. C., Gunaydin M., SEVİM B., BAYRAKTAR A., ADANUR S.  
JOURNAL OF STRUCTURAL ENGINEERING, vol.142, no.10, 2016 (SCI-Expanded)
47. **CFRP composite retrofitting effect on the dynamic characteristics of arch dams**  
ALTUNIŞIK A. C., Gunaydin M., SEVİM B., Bayraktar A., ADANUR S.  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.74, pp.1-9, 2015 (SCI-Expanded)
48. **Time dependent changing of dynamic characteristics of laboratory arch dam model**

- ALTUNIŞIK A. C., SEVİM B., Bayraktar A., ADANUR S., Gunaydin M.  
KSCE JOURNAL OF CIVIL ENGINEERING, vol.19, no.4, pp.1069-1077, 2015 (SCI-Expanded)
49. **Dynamic responses of industrial reinforced concrete chimneys strengthened with fiber-reinforced polymers**  
Karaca Z., Türkeli E., Gunaydin M., ADANUR S.  
STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS, vol.24, no.3, pp.228-241, 2015 (SCI-Expanded)
50. **Static and dynamic responses of Halgavor Footbridge using steel and FRP materials**  
Gunaydin M., ADANUR S., ALTUNIŞIK A. C., SEVİM B.  
STEEL AND COMPOSITE STRUCTURES, vol.18, no.1, pp.51-69, 2015 (SCI-Expanded)
51. **Determination of structural behavior of Bosphorus suspension bridge considering construction stages and different soil conditions**  
Gunaydin M., ADANUR S., ALTUNIŞIK A. C., SEVİM B., TÜRKER E.  
STEEL AND COMPOSITE STRUCTURES, vol.17, no.4, pp.405-429, 2014 (SCI-Expanded)
52. **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)
53. **Construction stage analysis of Humber Suspension Bridge**  
ADANUR S., Gunaydin M., ALTUNIŞIK A. C., Sevim B.  
APPLIED MATHEMATICAL MODELLING, vol.36, no.11, pp.5492-5505, 2012 (SCI-Expanded)
54. **Comparison of near-fault and far-fault ground motion effects on geometrically nonlinear earthquake behavior of suspension bridges**  
ADANUR S., ALTUNIŞIK A. C., Bayraktar A., Akkose M.  
NATURAL HAZARDS, vol.64, no.1, pp.593-614, 2012 (SCI-Expanded)
55. **Construction stage analysis of fatih sultan mehmet suspension bridge**  
Gunaydin M., ADANUR S., ALTUNIŞIK A. C., SEVİM B.  
STRUCTURAL ENGINEERING AND MECHANICS, vol.42, no.4, pp.489-505, 2012 (SCI-Expanded)
56. **Estimation of Elasticity Modulus of a Prototype Arch Dam Using Experimental Methods**  
Sevim B., ALTUNIŞIK A. C., Bayraktar A., Akkose M., ADANUR S.  
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.24, no.4, pp.321-329, 2012 (SCI-Expanded)
57. **Determination of Water Level Effects on the Dynamic Characteristics of a Prototype Arch Dam Model using Ambient Vibration Testing**  
Sevim B., BAYRAKTAR A., ALTUNIŞIK A. C., ADANUR S., Akkose M.  
EXPERIMENTAL TECHNIQUES, vol.36, no.1, pp.72-82, 2012 (SCI-Expanded)
58. **A comparative study on static and dynamic responses of FRP composite and steel suspension bridges**  
ADANUR S., Mosallam A. S., Shinozuka M., GÜMÜŞEL L.  
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.30, no.15, pp.1265-1279, 2011 (SCI-Expanded)
59. **Dynamic Characteristics of a Prototype Arch Dam**  
Sevim B., BAYRAKTAR A., ALTUNIŞIK A. C., ADANUR S., Akkose M.  
EXPERIMENTAL MECHANICS, vol.51, no.5, pp.787-791, 2011 (SCI-Expanded)
60. **The effect of concrete slab-rockfill interface behavior on the earthquake performance of a CFR dam**  
Bayraktar A., Kartal M. E., ADANUR S.  
INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS, vol.46, no.1, pp.35-46, 2011 (SCI-Expanded)
61. **Finite element model updating of an arch type steel laboratory bridge model using semi-rigid connection**  
ALTUNIŞIK A. C., Bayraktar A., Sevim B., Kartal M. E., ADANUR S.  
STEEL AND COMPOSITE STRUCTURES, vol.10, no.6, pp.541-561, 2010 (SCI-Expanded)
62. **Construction stage analysis of Komurhan Highway Bridge using time dependent material properties**  
ALTUNIŞIK A. C., Bayraktar A., Sevim B., ADANUR S., Domanic A.  
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63. **Modal Parameter Identification of a Prototype Arch Dam Using Enhanced Frequency Domain**

## **Decomposition and Stochastic Subspace Identification Techniques**

Sevim B., Bayraktar A., ALTUNIŞIK A. C., ADANUR S., Akkose M.

JOURNAL OF TESTING AND EVALUATION, vol.38, no.5, pp.588-597, 2010 (SCI-Expanded)

64. **Stochastic finite element analysis of long-span bridges with CFRP cables under earthquake ground motion**  
Cavdar O., Bayraktar A., Adanur S., BAŞAĞA H. B.  
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.35, no.3, pp.341-354, 2010 (SCI-Expanded)
65. **Stochastic finite element analysis of a cable-stayed bridge system with varying material properties**  
Cavdar O., Bayraktar A., Adanur S.  
PROBABILISTIC ENGINEERING MECHANICS, vol.25, no.2, pp.279-289, 2010 (SCI-Expanded)
66. **Performance of masonry buildings during the 20 and 27 December 2007 Bala (Ankara) earthquakes in Turkey**  
Adanur S.  
NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, vol.10, no.12, pp.2547-2556, 2010 (SCI-Expanded)
67. **Comparison of uniform and spatially varying ground motion effects on the stochastic response of fluid-structure interaction systems**  
Bilici Y., Bayraktar A., Adanur S.  
STRUCTURAL ENGINEERING AND MECHANICS, vol.33, no.4, pp.407-428, 2009 (SCI-Expanded)
68. **Elasto-plastic earthquake response of arch dams including fluid-structure interaction by the Lagrangian approach**  
Akkose M., Adanur S., Bayraktar A., Dumanoglu A. A.  
APPLIED MATHEMATICAL MODELLING, vol.32, no.11, pp.2396-2412, 2008 (SCI-Expanded)
69. **Perturbation based Stochastic finite element analysis of the structural systems with composite sections under earthquake forces**  
Cavdar O., Bayraktar A., Cavdar A., Adanur S.  
STEEL AND COMPOSITE STRUCTURES, vol.8, no.2, pp.129-144, 2008 (SCI-Expanded)
70. **Stochastic seismic response of Keban dam by the finite element method**  
Akkose M., Adanur S., Bayraktar A., Dunianoglu A. A.  
APPLIED MATHEMATICS AND COMPUTATION, vol.184, no.2, pp.704-714, 2007 (SCI-Expanded)
71. **The effects of sediment on earthquake response of concrete gravity dams to asynchronous ground motion**  
Bayraktar A., Akkose M., Adanur S.  
JOURNAL OF HYDRAULIC RESEARCH, vol.43, no.6, pp.710-719, 2005 (SCI-Expanded)

## **Articles Published in Other Journals**

1. **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.  
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## Academic and Administrative Experience

2013 - 2016	<b>Board Member</b>	Karadeniz Technical University, Mühendislik Fakültesi
2011 - 2012	<b>Academic Board Member</b>	Karadeniz Technical University, Mühendislik Fakültesi
2010 - 2012	<b>Deputy Head of Department</b>	Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği

## Scientific Refereeing

International Journal of Steel Structures, SCI Journal, October 2017

Journal of Traffic and Transportation Engineering, Other Indexed Journal, October 2017

International Journal of Civil Engineering, SCI Journal, September 2017

Advances in Concrete Construction, Other Indexed Journal, August 2017

Steel and Composite Structures, SCI Journal, July 2017

Sigma Journal of Engineering and Natural Sciences, Other Indexed Journal, June 2017

International Journal of Non-Linear Mechanics, SCI Journal, March 2017

The KSCE Journal of Civil Engineering, SCI Journal, March 2017

Iranian Journal of Science and Technology, Transactions of Civil Engineering, SCI Journal, February 2017

## Metrics

Publication: 172

Citation (WoS): 579

Citation (Scopus): 675

H-Index (WoS): 16

H-Index (Scopus): 18

## Congress and Symposium Activities

ULUSLARARASI KATILIMLI 6. TARİHİ YAPILARIN KORUNMASI VE GÜÇLENDİRİLMESİ SEMPOZYUMU, Attendee, Trabzon, Turkey, 2017

## Research Areas

Civil Engineering, Structure, Structural Engineering, Performance of Constructed Facilities, Earthquake Engineering, Repair and Strengthening in Buildings, Masonry Structures, Engineering and Technology

## Non Academic Experience

University of California, Irvine, CA, USA