

Lect. PhD ADNAN KIRAL

Personal Information

Office Phone: [+90 0464 223 6126](tel:+9004642236126)

Email: adnan.kiral@erdogan.edu.tr

Web: <https://avesis.erdogan.edu.tr/adnan.kiral>

Address: Recep Tayyip Erdogan University, Engineering Faculty F210, Rize, Türkiye.

International Researcher IDs

ORCID: 0000-0002-4534-3686

Yoksis Researcher ID: 379683

Education Information

Doctorate, University of Sheffield, Department of Engineering, Department of Automatic Control and Systems Engineering, England 2018 - 2022

Postgraduate, Brunel University, Civil Engineering, England 2016 - 2017

Undergraduate, Sakarya University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 2010 - 2014

Dissertations

Doctorate, Novel Displacement Dependent Viscous Damper for SemiactiveControl of the Seismic Response of Multi-Storey Buildings, University of Sheffield, engineering , civil engineering, 2018

Research Areas

Structural Mechanics, Building Dynamics, Structure, Structural Engineering, Performance of Constructed Facilities, Earthquake Engineering, Mechanical Vibrations

Academic Titles / Tasks

Assistant Professor, Recep Tayyip Erdogan University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2022 - Continues

Courses

Structure Dynamics, Postgraduate, 2023 - 2024

Matlab applications in Civil Engineering, Postgraduate, 2023 - 2024

Introduction to Structure Dynamics, Undergraduate, 2023 - 2024

Construction Management and Quantity Surveying, Undergraduate, 2023 - 2024

Engineering Mechanics, Undergraduate, 2023 - 2024

Introduction to Earthquake Resistant Building Design, Postgraduate, 2023 - 2024

Introduction to Earthquake Engineering, Undergraduate, 2023 - 2024

Articles Published in Other Journals

- I. **Using supplemental linear viscous dampers for experimentally verified base-isolated building: Case study**
Kıral A., Gürbüz A.
Journal of Structural Engineering & Applied Mechanics (Online), vol.7, no.1, pp.1-17, 2024 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **EVALUATING THE KAHRAMANMARAS EARTHQUAKE OF FEBRUARY 6 2023 IN TURKEY BASED ON NEW GENERATION ATTENUATION GROUND MOTION (NGA) MODELS**
Kıral A., Tonyalı Z.
EUROPEAN CONFERENCES 2nd INTERNATIONAL CONFERENCE ON HEALTH, ENGINEERING AND APPLIED SCIENCES, Belgrade, Serbia, 4 - 06 August 2023, pp.1-6
- II. **STRUCTURAL AND ECONOMIC EFFECTS OF SEA LEVEL RISING IN HATAY-ISKENDERUN AFTER 6 FEBRUARY 2023 TURKEY-SYRIA EARTHQUAKE**
Süme V., Kıral A.
4th INTERNATIONAL MEDITERRANEAN CONGRESS, Lefkoşa, Cyprus (Kktc), 15 - 16 June 2023, pp.241-248
- III. **Using the Concept of "Weakening and Viscous Damping" for retrofitting of a Structure**
Kıral A., Gürbüz A., Ustabas İ.
EGE 8th INTERNATIONAL CONFERENCE ON APLIED SCIENCES, İzmir, Turkey, 2 - 04 June 2023, pp.1-10
- IV. **THE FEBRUARY 6, 2023, KAHRAMANMARAS-TURKIYE EARTHQUAKES: SEISMO-TECTONIC EVALUATIONS AND EFFECTS ON REINFORCED CONCRETE BUILDINGS**
Kıral A., Tonyalı Z.
EGE 8th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, İzmir, Turkey, 2 - 04 June 2023, pp.1-12
- V. **Semiactive Fluid Viscous Damper for Seismic Control of Multi-Storey Buildings**
Kıral A., Petkovski M.
ACSE Seminar / Sheffield UK, Sheffield, England, 03 March 2020, pp.1

Other Publications

- I. **DEPREMDE "Miroğlu Gıda San. ve Tic. A.Ş." ye AİT UN FABRİKASI BİNASINDA MEYDANA GELEN HASARLARIN GÜÇLENDİRME YAPILARAK YAPI GÜVENLİĞİNİN SAĞLANMASINA AİT TEKNİK RAPOR**
Süme V., Kıral A.
Technical Report, pp.1-9, 2023
- II. **Novel Displacement Dependent Viscous Damper for Semiactive Control of the Seismic Response of Multistorey Buildings**
Kıral A., Petkovski M.
Other, pp.1-120, 2022

Expert Reports

- I. **Hasar tespit tutanagi**
Kıral A.
Trabzon cumhuriyet başsavcılığı, pp.38, Hatay, 2023