

JOURNAL OF STRUCTURAL ENGINEERING & APPLIED MECHANICS

VOLUME 9 • ISSUE 1 • MARCH 2026

ISSN: 2630-5763

Editor-in-Chief

VOLKAN KAHYA

KARADENİZ TECHNICAL UNIVERSITY, TÜRKİYE

Managing Editor

AHMET CAN ALTUNIŞIK

KARADENİZ TECHNICAL UNIVERSITY, TÜRKİYE



www.dynaaca.com



www.goldenlightpublish.com

Journal of Structural Engineering & Applied Mechanics

ISSN: 2630-5763 (online)

Editor-in-Chief

[Volkan Kahya](#)

Karadeniz Technical University (volkan@ktu.edu.tr)

Managing Editor

[Ahmet Can Altunışık](#)

Karadeniz Technical University (ahmetcan@ktu.edu.tr)

Design & Layout Editor

[Hasan Basri Başağa](#)

Karadeniz Technical University (hasanbb@ktu.edu.tr)

[Journal of Structural Engineering & Applied Mechanics](#) is an international journal quarterly published by Golden Light Publishing®. Each paper submitted is subject to peer review, and only papers of the highest quality that contain original ideas will be published.

Golden Light Publishing® is a trademark of Dynamic Academy®.

Contact

Golden Light Publishing®

Tel: +90 530 223-2169

E-mail: info@goldenlightpublish.com

Webpage: <https://www.goldenlightpublish.com/journals/1/jseam>

EDITORIAL BOARD (in alphabetical order)

Abdullah Avey

İstanbul Ticaret University, Türkiye

Adem Doğangün

Uludağ University, Türkiye

Ahmet Birinci

Karadeniz Technical University, Türkiye

Alireza Akhavan-Safar

Institute of Science and Innovation in Mechanical and Industrial Engineering, Portugal

Alp Caner

Middle East Technical University, Türkiye

Barış Sevim

Yıldız Technical University, Türkiye

Daniel V. Oliveira

University of Minho, Portugal

Ehsan Noroozinejad

Western Sydney University, Australia

Erol Tutumluer

University of Illinois, Urbana-Champaign, USA

Halil Sezen

Ohio State University, USA

Hasan Biglari

University of Tabriz, Iran

Kemal Hacıfendioğlu

Karadeniz Technical University, Türkiye

Korhan Özgan

Karadeniz Technical University, Türkiye

Kurtuluş Soyuluk

Gazi University, Türkiye

Majid Ayatollahi

Iran University of Science and Technology, Iran

Mehmet Hakkı Omurtag

İstanbul Medipol University, Türkiye

Metin Hüsem

Karadeniz Technical University, Türkiye

Mohammad Reza Eslami (Emeritus)

Amirkabir University of Technology, Iran

Mohammed Hadj Meliani

Hassiba BenBouali University of Chlef, Algeria

Mohammad Shariyat

K.N. Toosi University of Technology, Iran

Murat Emre Kartal

İzmir Democracy University, Türkiye

Nihal Eratlı

İstanbul Technical University, Türkiye

Ömer Civalek

Akdeniz University, Türkiye

Parsa Ghannadi

Islamic Azad University, Iran

Raafat El-Hacha

University of Calgary, Canada

Samir Khatir

Ghent University, Belgium

Seyed Sina Kourehli

Azərbaycan Şahid Mədani University, Iran

Sez Atamturktur

Pennsylvania State University, USA

Thuc P. Vo

La Trobe University, Australia

Journal of Structural Engineering & Applied Mechanics

Volume 9, Issue 1, March 30, 2026

CONTENTS

Research Article

Piezoelectric energy harvesters in bridge structures: Evaluation of optimal placement and energy harvesting

Bugra Sen, Alper Polat, Abdullah Kapicioglu, Hikmet Esen

Article Number 630

Research Article

Golden ratio optimization integrated with quadratic approximation regulated by Lévy flight for structural optimization

Ali Mortazavi, Erdinç Sarıbaş

Article Number 658

Research Article

Hybrid modal design of plates with distributed resonators for broadband vibration control

Erdi Gülbahçe

Article Number 660

Research Article

Mechanical activation of end-of-life building materials: grinding efficiency and potential for valorization

Hüseyin İlcan

Article Number 671

Erratum

Erratum to "Enhancing axial load prediction of CF DST columns using machine learning models" [Journal of Structural Engineering & Applied Mechanics 8(2) (2025) 103-132]

Oguzhan Akarsu, Abdulkadir Cüneyt Aydın

Article Number 703