

Volume: 2 Issue: 3

July 2021

ISSN: 2687-5756



Civil Engineering Beyond Limits

Editor: A.C. AYDIN

Alfa
Publications

Civil Engineering Beyond Limits

Editor-in-Chief & Managing Editor

Abdulkadir Cüneyt AYDIN

E-mail: acaydin@atauni.edu.tr

Editorial Board

Abdelhafid KHELIDJ Nantes University, FRANCE	Abbas HEYDARI Sharif University of Technology, IRAN	Adem DOGANGUN Uludag University, TURKEY
Arvin FARID Boise State University, USA	Ayman S. MOSALLAM University of California, USA	Aynur KAZAZ Akdeniz University, TURKEY
Ayşe DALOGLU Karadeniz Technical University, TURKEY	Esra Mete GÜNEYİSİ Gaziantep University, TURKEY	Hızır ÖNSOY Arel University, TURKEY
Hossain SHOWKATI Urmia University, IRAN	Ilker Bekir TOPCU Osmangazi University, TURKEY	Hatem A. Abou-SENNA University of Central Florida, USA
Helmi Zulhaidi Mohd SHAFRI Universiti Putra, MALAYSIA	Izzet Ufuk CAGDAS Akdeniz University, TURKEY	Jelena BLEIZIFFER University of Zagreb, HUNGARY
Jian JIANG China University of Mining and Technology, CHINA	Le Hoang AN Ton Duc Thang University, VIETNAM	Marko SERAFIMOV Methodius University, MACEDONIA
Mehmet İNAN Oregon University, USA	Merve SAĞIROĞLU Erzurum Technical University, TURKEY	Mohamed MOULI ENSET, ALGERIA
Naimul HAQUE East West University, BANGLADESH	Osman Hamdy OSMAN Zagazig University, EGYPT	Parisa GÖKER Bilecik Şeyh Edebali University, TURKEY
Ramazan DEMIRBOGA Alfaisal University, SAUDI ARABIA	Rüstem GÜL Iğdır University, TURKEY	Saaïd ZAKI Institute of Nano Technology, EGYPT
Said KENAI University of Blidal, ALGERIA	Sakir ERDOĞDU Karadeniz Technical University, TURKEY.	Sogol FALLAH University College of Dublin, IRELAND
Suada DZEBO University of Sarajevo, SARAJEVO	Suleyman ADANUR Karadeniz Technical University, TURKEY	Tayfun UYGUNOGLU Aydın Kocatepe University, TURKEY
Vahid JAHANGIRI University of Mohaghegh Ardabili, IRAN	Yao YU North Dakota State University, USA	Yusuf AYVAZ Yildiz Technical University, TURKEY

Civil Engineering Beyond Limits is a quarterly published by ACA Publishing, as an international open access journal. Whole of the submitted papers are subjected to peer review process. The manuscripts with high quality original content will be published.

Copyright © ACA Publishing Online ISSN:2687-5756

Publisher: Fatma AYDIN <ACA Publishing>

Ataturk University, Engineering Faculty, Department of Civil Engineering
25030 Erzurum, TURKEY

Civil Engineering Beyond Limits

Volume: 2 Issue: 3

July 2021

ISSN: 2687-5756

Contents

Tirimisiyu Abiodun Buari, Festus A. Olutoge, Gbenga M. Ayininuola, Agbanah-Owa Olunipin Parametric study on structural behavior of a two-span continuous bridge deck and a curved span deck	1
Ahmed M. Al-Khalili, Ahmed S. Ali, Abbas J. Al-Taie Some Geotechnical Properties of Clay Soil Enhanced with Silica Fume	8
Ahmed Mancy Mosa, Lubna Abdulrahman Salem, Qais Sahib Banyhussan Overcoming Concreting Problems of Rigid Pavements using Knowledge-Based System	12
Md Roknuzzaman, Md Belal Hossain, Afroja Sultana, Abdullah Al Shourov Influence of Tire Chip Size on The Behavior of Rubberized Concrete	18
Mohammad Taghi Hamzaban , Ismail Sedat Büyüksağış, Milad Manafi, Ali Touranchezadeh The effect of saturation on the physical and mechanical behavior of some rock samples	23