

Journal of Construction Engineering, Management & Innovation

Volume 4 • Issue 1 • March 2021
ISSN: 2630-5771

Honorary Editors-in-Chief

David Arditi

Illinois Institute of Technology, USA

M. Talat Birgönül

Middle East Technical University, Turkey

Editor-in-Chief

Vedat Toğan

Karadeniz Technical University, Turkey

Managing Editor

Ahmet Can Altunışık

Karadeniz Technical University, Turkey



www.dynaaca.com
www.goldenlightpublish.com

Journal of Construction Engineering, Management & Innovation

Honorary Editors-in-Chief

David Arditi

Illinois Institute of Technology, USA

M. Talat Birgönül

Middle East Technical University, Turkey

Editor-in-Chief

Vedat Toğan

Department of Civil Engineering
Karadeniz Technical University
61080 Trabzon, Turkey
E-mail: togan@ktu.edu.tr

Managing Editor

Ahmet Can Altunışık

Department of Civil Engineering
Karadeniz Technical University
61080 Trabzon, Turkey
E-mail: ahmetcan@ktu.edu.tr

Editorial Board

Alfredo F. Serpell

Universidad del Desarrollo
Chile

Aynur Kazaz

Akdeniz University
Turkey

Beliz Özorhon Orakçal

Boğaziçi University
Turkey

Bon-Gang Hwang

National University of Singapore
Singapore

Chien-Ho Ko

National Pingtung University of
Science and Technology
Taiwan

Esin Ergen Pehlevan

Istanbul Technical University
Turkey

Gökhan Arslan

Yalova University
Turkey

Hasan Basri Başağa

Karadeniz Technical University
Turkey

Hüsnü Murat Günaydın

Istanbul Technical University
Turkey

İrem Dikmen Toker

Middle East Technical University
Turkey

Johannes I.M. Halman

University of Twente
The Netherlands

Jurgita Antucheviciene

Vilnius Gediminas Technical
University
Lithuania

Onur Behzat Tokdemir

Middle East Technical University
Turkey

Salman Azhar

Auburn University
USA

Sergio Sibilio

University of Campania
Italy

Serkan Kıvrak

Eskisehir Technical University
Turkey

Sibel Maçka Kalfa

Karadeniz Technical University
Turkey

Víctor Yepes

Universitat Politècnica de València
Spain

Zita Sampaio

Technical University of Lisbon
Portugal

Journal of Construction Engineering, Management & Innovation is an international scientific journal quarterly published by the Golden Light Publishing®. Each paper submitted is subject to peer-review and only papers of highest quality that contain original ideas will be published.

Copyright © Golden Light Publishing®

ISSN: 2630-5771 (online)

Address for correspondence:

Golden Light Publishing®,
Trabzon Teknoloji Geliştirme Bölgesi, Yönetici A.Ş.,
Üniversite Mahallesi, Hastane Caddesi, No: 33,
61081 Trabzon / Turkey

Journal of Construction Engineering, Management & Innovation

Volume 4, Issue 1, March 31 2021

CONTENTS

Yusuph Bakari Mhando

Factors of inefficient use of personal protective equipment: A survey of construction workers at Arusha urban in Tanzania..... 1

Gözde Tantekin Çelik, Serkan Aydınli and Siamak Bazaati

Safety net applications in developing countries: Turkey and Iran case study 12

Muizz O. Sanni-Anibire, Rosli Mohamad Zin and Sunday Olusanya Olatunji

Developing a machine learning model to predict the construction duration of tall building projects 22

Aynur Kazaz, Ikbāl Erbas and Ridvan Simsek

A regional perspective for work accidents: Evaluating the amount of work accidents on a city basis by the help of multi-criteria decision-making methods 37

Semra Comu, Ayca Yetiskin Elibol and Busra Yucel

A risk assessment model of commercial real estate development projects in developing countries 52