



The 3rd International Symposium of Engineering Applications on Civil Engineering and Earth Sciences 2021
(IEACES2021)

PROGRAM

WELCOME AND OPENING SPEECH		Date: 22.09.2021
		10⁰⁰-10¹⁰
KEYNOTES		
https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974		
Dr. Xuesong ZHOU	Smart Communities Rising Up with Digital Twin: Transforming the interconnection between travelers, open data, and city planners.	10¹⁰-10⁴⁰
Dr. Mustafa ŞAHMARAN	Additive Manufacturing of Concrete for Sustainable Construction	10⁴⁰-11¹⁰
Dr. Mustafa ERDİK	Earthquake Risk Assessment	13⁴⁰-14²⁰

SESSION 1 (22.09.2021, 11²⁰-12⁰⁵)				
IEACES2021 ID	AUTHORS	TITLE OF PROCEEDING	TIME	ONLINE PRESENTATION LINK
IEACES2021_15	Mays Alsaed and Rafal Al-Mufti	Rice Husk Ash as bio-cementitious material in concrete	11²⁰-11³⁵	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
IEACES2021_11	Ümit Yurt	<i>Alternative Material For Earthquake Resistant Building Design: Environmentally Friendly Alkali-Activated Slag Concrete</i> <i>Depreme Dayanıklı Bina Tasarımı İçin Alternatif Bir Malzeme: Çevre Dostu Alkali Aktif Cüruf Beton</i>	11³⁵-11⁵⁰	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
IEACES2021_7	İsmail İsa Atabey	<i>The Effect of Different Activator Type on Production Properties of Waste Glass Powder Based Geopolymer Mortars</i> <i>Farklı Aktivatör Tipinin Atık Cam Tozu Esaslı Geopolimer Harçların Üretim Özelliklerine Etkisi</i>	11⁵⁰-12⁰⁵	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974

SESSION 2 (22.09.2021, 12⁰⁵-13³⁵)

IEACES2021 ID	AUTHORS	TITLE OF PROCEEDING	TIME	ONLINE PRESENTATION LINK
IEACES2021_2	Emre Topçu and Şerife Pınar Güvel	GIS Supported Analysis in Flood Control Studies	12 ⁰⁵ -12 ²⁰	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
		<i>Taşkın Kontrol Çalışmalarında CBS Destekli Analizler</i>		
IEACES2021_6	Sefa Nur Yeşilyurt and Hüseyin Yıldırım Dalkılıç	Daily River Flow Forecasting with Xgboost and Gradient Boost Machine	12 ²⁰ -12 ³⁵	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
		<i>Xgboost ve Gradient Boost Machine ile Günlük Nehir Akımı Tahmini</i>		
IEACES2021_5	Zeynep Dilşad Demirel and Mehmet Sinan Bilgili	Evaluation of Energy Recovery from Istanbul Municipal Solid Wastes by Different Scenarios	12 ³⁵ -12 ⁵⁰	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
IEACES2021_16	Eralp Kaya and Taner Uçar	Comparative Evaluation of the 100 Tallest Completed Buildings in the World and Turkey	12 ⁵⁰ -13 ⁰⁵	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
IEACES2021_22	Mehmet Salih Bayraktutan	Geohazard Sources at Great Ararat Volcano; Glacier, Volcanic Debris Flow and Flooding, Iğdir, Turkey	13 ⁰⁵ -13 ²⁰	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
IEACES2021_25	Mehmet Fethi Ertenli, Selman Kahraman and İnan Keskin	A numerical evaluation on soil improvement performance of deep mixing columns	13 ²⁰ -13 ³⁵	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
		<i>Derin karıştırma kolonlarının zemin iyileştirme performansı üzerine nümerik bir değerlendirme</i>		

KEYNOTE SESSION (22.09.2021, 13⁴⁰-14²⁰)

IEACES2021 ID	AUTHORS	TITLE OF PROCEEDING	TIME	ONLINE PRESENTATION LINK
Keynote	Dr. Mustafa ERDİK (Earthquake Risk Assessment)		13 ⁴⁰ -14 ²⁰	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974

SESSION 3 (22.09.2021, 14⁴⁰-17¹⁰)

IEACES2021 ID	AUTHORS	TITLE OF PROCEEDING	TIME	ONLINE PRESENTATION LINK
IEACES2021_12	Şevval Başar, Eren Balaban and Mehmet İnanç Onur	Investigation of Tire Crumb Usability for Soil Improvement	14 ⁴⁰ -14 ⁵⁵	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
		<i>Kırıntı Kauçuğun Zemin İyileştirmede Kullanılabilirliğinin Araştırılması</i>		
IEACES2021_14	Gülşay Erdoğan and Serhat Çelikten	Investigation of Strength Development of Perlite and Fly Ash Based Geopolymer Mortars at Ambient Curing	14 ⁵⁵ -15 ¹⁰	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
		<i>Perlit ve Uçucu Kül Esaslı Geopolimer Harçların Ortam Küründe Dayanım Gelişimlerinin Araştırılması</i>		

IEACES2021_17	Hakan Yalçın, Cenk Cuma Çadır, Zülküf Kaya, Aykut Erol, Erdal Uncuoğlu and Müge K. Akın	Determination of Geotechnical Properties of Kayseri Free Zone Organic Soils	15 ¹⁰ -15 ²⁵	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
		Kayseri Serbest Bölge Organik Zeminlerinin Geoteknik Özelliklerinin Belirlenmesi		
IEACES2021_18	Furkan Veli Özçelik and Murat Ergenokon Selçuk	Parametric Analysis of Factors That Affects The Rainfall Induced Slope Stability	15 ²⁵ -15 ⁴⁰	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
IEACES2021_1	Hakan Dilmaç	Preliminary Design of Framed RC Buildings According to Turkish Building Seismic Code	15 ⁴⁰ -15 ⁵⁵	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
		<i>Çerçevesiz Betonarme Binaların TBDY Kapsamında Ön Tasarımı</i>		
IEACES2021_3	Ömer Faruk Nemutlu, Ali Sarı and Bilal Balun	Investigation of Acceleration and Energy-Oriented Earthquake Parameters in SDOF Systems	15 ⁵⁵ -16 ¹⁰	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
		<i>TSD Sistemlerde İvme ve Enerji Odaklı Deprem Parametrelerinin İncelenmesi</i>		
IEACES2021_4	Hande Gökdemir, Hakan Bilici and Handan Künkü	Assessment of Earthquake Risk of Buildings in Erciş District	16 ¹⁰ -16 ²⁵	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
		<i>Erciş İlçesindeki Mevcut Yapıların Deprem Riskinin Değerlendirilmesi</i>		
IEACES2021_10	Mehmet Derdiman	Determination of Reliability-Based Optimal Slopes of Precast Roof Beams Under Changing Design Moments	16 ²⁵ -16 ⁴⁰	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
		<i>Değişen Tasarım Momentleri Altında Ön Üretilmiş Makas Kirişlerinin Güvenilirliğe Dayalı Optimum Eğimlerinin Belirlenmesi</i>		
IEACES2021_13	Taner Uçar	Influence of Viscous Damping on Inelastic Acceleration Spectra of Near-fault Pulse-like Ground Motions	16 ⁴⁰ -16 ⁵⁵	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
IEACES2021_20	Fatih Göktepe and Erkan Çelebi	Vibration Isolation Performance of Sequential Vertical Wave Barrier System	16 ⁵⁵ -17 ¹⁰	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
		<i>Ardışık Düşey Dalga Bariyer Sisteminin Titreşim Yalıtım Performansı</i>		

SESSION 4 (22.09.2021, 17¹⁰-18¹⁰)

IEACES2021 ID	AUTHORS	TITLE OF PROCEEDING	TIME	ONLINE PRESENTATION LINK
IEACES2021_19	Mehmet Bayazit, Osman Nuri Çelik	Determination of the Effects of Sasobit and Polyphosphoric Acid Additives on Marshall Stability of Hot Mix Asphalt	17 ¹⁰ -17 ²⁵	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
		<i>Bitümlü Sıcak Karışımların Marshall Stabilitésine Sasobit ve Polifosforik Asit Katkılarının Etkisinin Belirlenmesi</i>		
IEACES2021_23	Hatice Canan Gungor and Oğuzhan Erkoç	The Effect of Covid-19 on Transportation Habits(Konya Sample)	17 ²⁵ -17 ⁴⁰	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
		<i>Covid 19 ve Ulaşım Alışkanlıkları: Konya Örneği</i>		

IEACES2021_9	Zübeyde Öztürk, Oğuz Öztürk and Eda Turan	Investigation of Water Pollution due to Ships <i>Gemiler Nedeniyle Oluşan Su Kirliliğinin İncelenmesi</i>	17 ⁴⁰ -17 ⁵⁵	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
IEACES2021_8	Oğuz Öztürk, Eda Turan and Zübeyde Öztürk	Air Pollution From Maritime Transportation and Its External Cost <i>Deniz Ulaşımı Kaynaklı Hava Kirliliği ve Dışsal Maliyeti</i>	17 ⁵⁵ -18 ¹⁰	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974
IEACES2021_24	Mustafa Yurdabal Apak and Halil İbrahim Yumrutaş	An Evaluation on Measuring Bollard Performance Experimentally on Urban Roadside Safety <i>Şehir içi Yol Kenarı Güvenliğinin Sağlanmasında Sabit Mantar Tipi Otokorkulukların Performansının Deneysel Olarak Ölçülebilmesine Yönelik Değerlendirme</i>	18 ¹⁰ -18 ²⁵	https://us02web.zoom.us/j/87150036974 Meeting ID: 871 5003 6974

