

ACAPULCO HOTEL & CONVENTION CENTER
NORTH CYPRUS

ICNACE 2019

8 NOVEMBER 2019 FRIDAY

08:30 - 15:00 : REGISTRATION

09:15 – 09:30

MAIN HALL

: OPENING CEREMONY / WELCOME SPEECH

: **Prof. Dr. Huriye BİLSEL**, Cyprus International University

KEYNOTE SPEECH A

09:30 – 10:15	Prof. Dr. Feyza Çinicioğlu Speech Title: Soft Soil Mechanics Through Teachings of the Behavior Beneath Embankments
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KEYNOTE SPEECH B

10:15 – 11:00	Prof. Dr. Murat Saatçioğlu Speech Title: Protection of Built Infrastructure Against Extreme Loads: Bomb Blasts and Earthquakes
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11:00 – 11:20	COFFEE / TEA BREAK
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INVITED SPEAKERS

SESSION CHAIR	Prof. Dr. Özgür Eren
11:20 - 12:00	Asst. Prof. Dr. Eriş Uygar , Paul A. Cowin Speech Title: Design and Field Experiences on the Use of PVD for Ground Modification
12:00 – 12:40	Assoc. Prof. Dr. Bertuğ Akıntuğ Speech Title: Analysis of Floods and Droughts in North Cyprus

13:00 – 14:00	LUNCH
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HALL 1 / SESSION A

SESSION CHAIR	Asst. Prof. Dr. Ayşe P. Balkis	
TIME	PAPER TITLE	AUTHORS
14:00– 14:15	Physico-Mechanical Characterisation of High-Volume Fly Ash Cement Paste Composites	Ertug Aydın
14:15 – 14:30	Coal Ash Use as a Cement Replacement in Concrete Production	Şevket Can Bostancı
14:30 – 14:45	Utilisation of Large Amount of Industrial Wastes for Improving Sustainability of Construction Sector	Ertuğ Aydın
14:45 – 15:00	Design and Verification of Properties of Heavyweight Concrete for Production of Weights	Rudolf Hela, Lenka Bodnarova

HALL 2/SESSION B

SESSION CHAIR	Prof. Dr. Cavit Atalar	
TIME	PAPER TITLE	AUTHORS
14:00 - 14:15	Estimation of Compaction Characteristics of Soils Using Atterberg Limits	Arhaim Hussain, Cavit Atalar
14:15 - 14:30	A Comparative Study of Critical Failure Surface Determination In Slope Stability Assessment	Anoosheh Iravanian Abdalla Shlash
14:30 - 14:45	2-Dimensional Determination of Peak Acceleration Distributions During Earthquakes	Yaprak İpek, Mustafa Akgün, Özkan Cevdet Özdağ, Tolga Gönenç, Hilmi Dindar, Cavit Atalar
14:45 - 15:00	Application Of Genetic Algorithm Method For Soil Nailing Parameters Optimization	Fadila Benayoun, D Boumezerane S. Rehab Bekkouche, L. Bendada
15:00 - 15:15	Performance of Encased Single Stone Column in Layered Soil	Rowad Esameldin Farah, Zalihe Nalbantoglu

15:15 - 15:30	C O F F E E / T E A B R E A K
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HALL 1 / SESSION C

SESSION CHAIR	Assoc. Prof. Dr. Ertuğ Aydın	
TIME	PAPER TITLE	AUTHORS
15:30 - 15:45	Properties of High-Strength Concrete Containing Well Graded Rubber Particles	Ahed Habib, Umut Yıldırım Özgür Eren
15:45 - 16:00	The Performance of Asphalt Binder Blended with Nanomaterial and Polymer	Shaban ALI, Amina Abubaker, Abduraouf Alshetwi
16:00 - 16:15	Surface Water Resource and Effect of Weather Parameters in Estimating the Annual Rainfall: A Case Study in Lebanon	Youssef Kassem, Hüseyin Gökçekuş, Julia Aljamal
16:15 - 16:30	The Analysis of Increment of Road Traffic Accidents in Libya: Case Study of Tripoli	Shaban Ali, Fares Elturki, Hussien Yahia

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HALL 2/ SESSION D

SESSION CHAIR	Prof. Dr. Zalihe Nalbantoğlu	
TIME	PAPER TITLE	AUTHORS
15:30 - 15:45	Swell and Compressibility Characteristics of Expansive Clays in North Cyprus	Anoosheh Iravanian , Amr Abdeh
15:45 - 16:00	Effect of Clay Mineralogy and Percentage of Use on Clay Structures	Kenechi Kurtis , Ayşe. P. Balkis
16:00 - 16:15	The Importance of Designer-Contractor Communication in Geotechnical Design as Exemplified by A Cut Slope Failure	Damla Anafarta, Emre Türk, Sami Oğuzhan Akbaş
16:15 - 16:30	Seismic Microzonation of Famagusta Region	Ismail Safkan , Abdullah Ekinci
16:30 - 16:45	Modification of Hydraulic Conductivity of Sandy Soil using Seawater and Alkaline Solutions	Osama Dawoud
16:45 - 17:00	Effect of Rainfall Infiltration on Stability Of Unsaturated Cut Slope	Danesh Sattari , Masoud Hajjalilue Bonab, Akbar Aarab Javadi

HALL 1 / SESSION E – POSTER PRESENTATION

TIME	PAPER TITLE	AUTHORS
17:00 - 17:30	Integrating AHP and GIS as A Decision Making Tool for the Optimal Allocation of Wind Farm: A Case Study of Syria	Maan Habib , Asaad Matouk
	Tensile Testing of Soils: A Review	Ausamah Alhour , Ahed Habib, Ahmed Elzokra, Waled Alahdab
	A Framework for Pavement Crack Detection and Classification	Ahed Habib , Mehmet Metin Kunt
	Influence of Fillers on Structure and Behaviour of Gypsum Mortars	Magdalena Dolezelova , Jitka Krejsova, Alena Vimvrova
	Moringa Oleifera Seeds and Chitosan as Alternatives to Conventional Coagulation Agents	Tomas Kucera , Lucie Hofmanova

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9 NOVEMBER 2019 SATURDAY

KEYNOTE SPEECH C

09:30 – 10:15	Assoc. Prof. Dr. Rosario Montuori Speech Title: Advances in the Design of Steel Structure for Seismic Protection
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10:15 – 10:45	COFFEE / TEA BREAK
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HALL 1 / SESSION F

SESSION CHAIR	Assoc. Prof. Dr. Mürüde Çelikağ	
TIME	PAPER TITLE	AUTHORS
10:45 – 11:00	An Experimental Study on the Behavior of Fiber-Reinforced Concrete Flexural Members Under Cyclic Loading	Hamed Rajabzadeh Gatabi, Mürüde Celikag , Habib Akbarzadeh Bengar
11:00 – 11:15	Modular Timber Frame Structures	Daniel Kuda , Monika Petrickova
11:15 – 11:30	Viscoelastic Properties of Eva Interlayer Used In Laminated Glass Structures	Tomas Hana , Martina Eliasova Miroslav Vokac, Klára V Machalicka
11:30 – 11:45	2018 and 2007 Earthquake Code Comparison	Shahram Derogar Ismail Safkan , Barış Odabaş

11:45 – 12:00	COFFEE / TEA BREAK
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HALL 1 / SESSION G

SESSION CHAIR	Assoc. Prof. Dr. Mürüde Çelikağ	
TIME	PAPER TITLE	AUTHORS
12:00 – 12:15	Use of Slab Composite With Galvanized Steel Deck in Reinforced Concrete Frame	Mahmoud Eissa , Mürüde Çelikağ
12:15 – 12:30	Pipe Type and Seismic Performance in Christchurch, New Zealand	Selcuk Toprak, Engin Nacaroglu , Muhammet Ceylan , Gizem Dünder, Ömer Cirmıktılı
12:30 – 12:45	Measurement of Vibrations Generated by High Speed Railway Traffic and Evaluation According to International Norms	S.Ates , E.Celebi , O.Kirtel, A.C.Zulfikar, F.Goktepe
12:45 – 13:00	Acoustic and Structural Design of a Highway Noise Barrier	S Kesten , Ö Umut, B Ayva

13:00 – 14:00	LUNCH
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HALL 1 / SESSION H

SESSION CHAIR	Assoc. Prof. Dr. Mürüde Çelikağ	
TIME	PAPER TITLE	AUTHORS
14:00 - 14:15	The Information Exchange in the Construction Sector in The Age of BIM: A Multiple Case Study From Italy	Alessio Domenico Leto , Mauro Mancini, Alberto Pavan
14:15 - 14:30	Some Refurbishment Particularities: An Older Building Case Study	Jorge Pedro Lopes, Rui Alexandre Oliveira , Maria Isabel Abreu
14:30 - 14:45	Service Quality Factors in the Construction Sector: A Literature Review	Milton F. Barragan-Landy, Sergio Sousa, Fernando Romero
14:45 - 15:00	Performance Indicators in the Construction Industry: A Study With Portuguese Companies	Auriza Barros, Sergio Sousa , and Eusebio Nunes
15:00- 15:15	An Evaluation of Level of Knowledge, Behaviour and Attitude Towards Environmental Footprint in Secondary School Students in Libya	Isam Fathi Guima Laama , Devrim Özdal , Turgut Tüzün Onay
15:15- 15:30	Oxidation of Reactive Black 5 Solutions with Sulfate Radicals Activated by Iron	Nolwazi GAMADZE, Saltuk Pirgalioglu