

# 1<sup>st</sup> MYGEC

1<sup>st</sup> Mediterranean Young  
Geotechnical Engineers Conference

Double Events - MYGEC & EYGEC



23-24<sup>th</sup> September, 2019  
Kefaluka Resort Hotel Bodrum, Muğla-Turkey

## 1<sup>st</sup> Mediterranean Young Geotechnical Engineers Conference

Monday, 23<sup>rd</sup> September 2019

09:00 - 10:00	<b>Registration</b>
10:00 - 10:30	<b>Welcome Ceremony</b>
	<b>Chairperson:</b> Prof. S. Feyza Çinicioğlu
10:30 - 11:15	<b>Keynote Speaker:</b> Prof. Lyesse Laloui <b>Topic:</b> Tailor-Made Soil Properties With Novel Bio-Geo-Chemical Means
11:15 - 11:30	<b>Coffee Break</b>
	<b>Chairperson:</b> Prof. Kemal Önder Çetin
11:30 - 12:15	<b>Keynote Speaker:</b> Prof. George Gazetas <b>Topic:</b> Learning From Observations Of Geotechnical Performance In Earthquakes
12:15 - 13:30	<b>Lunch Break</b>
13:30 - 14:45	<b>Session I</b> <b>Chairperson:</b> Prof. Lyesse Laloui
	Thermal Conductivity Behavior Of Tincal Added Sand-Bentonite Mixtures - <i>Yeliz Yükselen Aksoy, Mesut Şahin Irgat</i>
	Membrane Behavior Of Clay Soils Permeated With Multi-Electrolyte Aqueous Solutions - <i>Nicolò Guarena, Andrea Dominijanni, Mario Manassero</i>

	The Compaction And Consolidation Behavior Of Sand-Bentonite Mixtures With Pumice Additive - <b>Esra Güneri</b> , <i>Yeliz Yükselen Aksoy</i>
	Categorizing The Sedimentation Characteristics Of Bentonites Based On Physico-Chemical Properties - <b>El Hassen ABD Moulana</b> , <i>Esra Dikişci, Ali Hakan Ören</i>
	The Effect Of Ulexite Additive On The Engineering Properties Of Sand-Bentonite Mixtures For Liners - <b>S. Gizem Alpaydın</b> , <i>Yeliz Yükselen Aksoy</i>
<b>14:45- 15:00</b>	<b>Coffee Break</b>
<b>15:00 - 16:00</b>	<b>Session II</b> <b>Chairperson:</b> Assoc. Prof. Ali Hakan Ören
	Numerical Evaluation Of The Soil Behavior During Impact Driving Of Pipe-Piles - <b>Reza Daryaei</b> , <i>Montaserbakroon, Daniel Aubram, Frank Rackwitz</i>
	Influence Of Base Grouting On Load Distribution In A Bored Pile - <i>Adam Krasiński</i> , <b>Mateusz Wiszniewski</b>
	Finite Element-Based Geotechnical Risk Analysis For Anchor-Supported Deep Excavations - <b>Sinem Bozkurt</b> , <i>Sami Oğuzhan Akbaş</i>
	Socket Roughness Effect On Side Shear Resistance Prediction Of Rock-Socketed Piles - <b>José Gregorio Gutiérrez-Ch</b> , <i>Svetlana Melentijevic, Salvador Senent, Rafael Jimenez</i>
<b>16:00 - 16:15</b>	<b>Coffee Break</b>

<b>16:15 - 17:15</b>	<b>Session III</b> <b>Chairperson:</b> Assoc. Prof. Okan Önal
	Seismic Hazard Analyses In Micro Scale For Manisa City Center - <b>Esra Güneri, Ender Başarı</b>
	Seismic Coefficient Assessment Of Concrete Faced Rock Fill Dams - <b>Selda Durmaz, Deniz Ülgen</b>
	Numerical Evaluation Of The Pipe-Pile Buckling During Vibratory Driving In Sand - <b>Montaser Bakroon, Reza Daryaei, Daniel Aubram, Frank Rackwitz</b>
	Numerical Study On Reducing The Ground Borne Vibration Using Open Trench And Rubber-Chips Filled Trench Wave Barriers - <b>Mohammad Mouaz Hassoun, Deniz Ülgen, Onurtoygur, Selda Durmaz</b>
<b>Tuesday, 24<sup>th</sup> September 2019</b>	
	<b>Chairperson:</b> Prof. George Gazetas
<b>08:30 - 09:15</b>	<b>Keynote Speaker:</b> Assoc. Prof. Wissem Frikha <b>Topic:</b> The Use Of Stone Columns For Liquefaction Mitigation
<b>09:15 - 09:30</b>	<b>Coffee Break</b>
	<b>Chairperson:</b> Dr. M. Rifat Kahyaoglu
<b>09:30 - 10:15</b>	<b>Keynote Speaker:</b> Prof. Yeliz Yükselen Aksoy <b>Topic:</b> Specific Surface Area And Pore Size Distribution: How These Parameters Affect Engineering Behavior Of Fine Grained Soils
<b>10:15 - 10:30</b>	<b>Coffee Break</b>
	<b>Chairperson:</b> Assoc. Prof. Wissem Frikha

<b>10:30 - 11:15</b>	<b>Keynote Speaker:</b> Dr. Sebahat Gök Kalmaz <b>Topic:</b> Recent Challenges In Geotechnical Features In Dubai, UAE
<b>11.15 - 11.30</b>	<b>Coffee Break</b>
<b>11:30 - 12:30</b>	<b>Session IV</b> <b>Chairperson:</b> Prof. Fatma Baligh
	The Importance Of The Horizontal Soil Stresses On The Bearing Capacity Of A Foundation Pile - <b><i>Shilton Rica, Stefan Van Baars, Boranakullo</i></b>
	Main Causes Of Injection Bore Anchors Failures Within CIS Countries - <b><i>Vladimir Matsiy</i></b>
	Rigid Inclusions As A Foundation Support System In Soft Clay - <b><i>Bhattin Berk Ayraçma, Berrak Teymür, Ozan Alver</i></b>
	A Rheological Model To Describe The Mechanical Response Of Earth Embankments On Piled Foundation - <b><i>Viviana Mangraviti, Luca Flessati, Claudio Di Prisco</i></b>
<b>12:30 - 13:30</b>	<b>Lunch Break</b>
<b>13:30 - 14:30</b>	<b>Session V</b> <b>Chairperson:</b> Prof. Yeliz Yükselen Aksoy
	Behavior Of Strip Footing Near Slope Under Eccentric Loading - <b><i>Messaoud Baazouzi, Badismazouz, Khalifaabech, Boudiafkhaoula</i></b>
	Estimation Of The Lateral Earth Pressure Coefficients Through A Discrete Element Soil Modeling - <b><i>Abdelghanikhellaf, Mouloud Mansouri</i></b>

	An Improved Design For Soil-Nailed Walls Using Limit Equilibrium Analysis - <b>Jean De Sauvage</b>
	Critical Slip Surface Determination In Slope Stability Analysis Using Optimization Algorithms - <b>Panagiotis Aivaliotis Apostolopoulos, Dimitrios Loukidis</b>
	Development Of Direct Shear And Triaxial Test Procedures On Microbially Treated Sand Samples - <b>Mert Tunali, Emre Duman, Yilmaz Emre Sariççek, Onur Pekcan, Rafiq Gurbanov, Ayşe Gül Gözen</b>
<b>14:30 - 14:45</b>	<b>Coffee Break</b>
<b>14:45 - 15:45</b>	<b>Session VI</b> <b>Chairperson:</b> Dr. Altuğ Saygılı
	An Elasto-Plastic Model For Clays Subjected To Changes In Pore Fluid Chemical Composition - <b>Giulia Scelsi, Gabriele Della Vecchia, Guido Musso</b>
	Effect Of Silica Fume And Fiber Reinforcement On Strength In Lime Stabilized Kaolinite Clay - <b>Meral Dayan, Altuğ Saygılı</b>
	Behavior Of Rocks Under Thermal Effect - A Review - <b>Mohamed Ahmed Mohamed Sobhey Mohamed Labeeb, Mostafa El Sawwaf, Marawanshahien, Ahmed Farouk</b>
<b>15:45 - 16:00</b>	<b>Coffee Break</b>
<b>16:00 - 17:00</b>	<b>Session VII</b> <b>Chairperson:</b> Prof. İlknur Bozbey
	Hydrological And Geotechnical Monitoring Network Installed In Slope Movements At Flores Island - <b>Letícia Moniz, Paulo Amaral,</b>

	<b>Filipe Marques, Ana Maria Malheiro</b>
	A Method To Derive The Soil-Nail Interface Stiffness From Pull-Out Tests - <b>Jean De Sauvage, Frederico Lara Diniz Oliveira</b>
	A Sophisticated Quality Control Method In Infrastructure Projects: "Continuous Compaction Control" - <b>Rukiye Korkmaz</b>
	Treatment Of Structural Damages Of An Individual House By Humidifying Its Clayey Foundation Soil - The MACH Project - <b>Lamine Ighi Lameur, Lucile Saussaye, David Mathon</b>
<b>17:00 - 17:15</b>	<b>Coffee Break</b>
<b>17:15 - 18:00</b>	<b>Closing Ceremony</b>
<b>Joint Event of 1<sup>st</sup> MYGEC &amp; 27<sup>th</sup> EYGEC</b>	
<b>Wednesday, 25<sup>th</sup> September 2019</b>	
<b>13:30 - 18:30</b>	<b>Workshop "Challenges of Offshore Geotechnical Engineering"</b>