

LIST OF POSTER PRESENTATIONS		
No	Authors	Manuscript
21	Brendon A. Bradley	A Comparison of Ground Motions and First-Hand Experience of the 2011 Mw6.3 Christchurch, New Zealand and 2011 Mw9.0 Tohoku, Japan Earthquakes
28	Gaber H. Hassib, Ahmed E. Belal and Yassin M. Mahmoud	The Effect of the Receiver Site on the Corner Frequency and Site Response Estimation Using Microearthquakes Recorded by Aswan Seismic Network
39	Heba Kamal	Site Specific Ground Response Analyses at the City of New Damietta, Egypt
44	Laila Elhefnawy, Hisham Abdelmohsen, Esam Elkordi and Sahar Abdelfatah	The Old Aswan Dam – Conceptual Rehabilitation Solution
46	Sara Amoroso	The Seismic Dilatometer (SDMT) for the Seismic Design
47	Shamsher Prakash and Vijay K Puri	Seismic Settlement Of Shallow Foundations
57	Sahin Çağlar Tuna and Selim Altun	Modern Approaches in Soil Liquefaction Analysis
68	Vasiliki Dimitriadi and George Bouckovalas	Numerical Simulation of Seismically Induced Settlements of Shallow Foundations on Remediated Ground Against Liquefaction.
74	Fatma Zohra Aissiou and Ammar Nechnech	Valorization of Algerian Clayey Soils by Improving Geotechnical Properties
75	Ryohei Saito, Yoshimichi Tsukamoto, Yoshio Mitarai and Takeshi Nagatome	Compression Strength of Air-Foam Mixed Light-Weight Soil
93	Erol Guler, Dimiter Alexiev, Aiyoub Abbaspour and Mustafa Koc	Seismic Performance of Stone Columns and Geosynthetic Encased Columns
98	Tugba Eskisar, Eyyup Karakan and Selim Altun	Evaluation of Stress-Strain Behavior of a Sandy Soil Considering Different Grain Size Distributions
124	Brendon A. Bradley, Misko Cubrinovski, Brady Cox, Russell Green, Liam Wotherspoon, Jarg Pettinga, Robert Graves, Varun Joshi and Robin Lee.	Ground Motion Analysis of the Canterbury Earthquakes: Results to Date and On-Going Research
131	Dimitris Pitilakis and Anna Karatzetzou	Latin Hypercube Sampling for Performance-Based Seismic Demand of Soil-Foundation-Structure Systems
145	Laila Elhefnawy, Hisham Abdelmohsen, Esam Elkordi and Sahar Abdelfatah	Seismic Analysis of Earth Dam Including Dam-Water and Foundation Interactions
167	Guido Andreotti, Carlo G.Lai and Mario Martinelli	Seismic Fragility Functions of Deep Tunnels: A New Cumulative Damage Model Based on Lumped Plasticity and Rotation Capacity
168	Ebad Ghanbari and Mojtaba Daei	Cluster of Earthquakes and Aftershocks in Ahar-Varzeghan Area 11 August 2012
169	Mounir Naili, Salima Yasmine Draid and Djillai Benouar	A Meshfree Particle Method for Numerical Simulation of Liquefaction Induced Lateral Spreading
171	Latifa Ouadif, Lahcen Bahi and Khadija Baba	Slope Stability Modelling
173	Roozbeh Safaeian Amoly, Mohammad Davoodi, Mohsen Kamalian, Hadi Gerivani and Masomeh Rakhshandeh	Seismic Microzonation of a Municipality of Iran
177	Dimitris Karamitros, George Bouckovalas and Yannis Chaloulos	Analysis of Shallow Foundation Response Mechanisms in Liquefied Ground
185	Marisa Soares, Antonio Viana Da Fonseca and Andy Fourie	An Energy Approach for Predicting Soil Liquefaction
187	W.D. Liam Finn, Jason Dowling and Guoxi Wu	Seismic Response of Large Pile Groups
188	Antonio Viana Da Fonseca, Marisa Soares and Enio Abreu	Undrained Monotonic and Cyclic Stress-Strain Behavior of Two Mono Granular Sandy Soils
191	Samia Louadj, Ramdane Bahar, Eric Vincens and Laouami Nasser	Two-Dimensional Nonlinear Seismic Analysis of a Rockfill Dam Under Boumerdes Earthquake
192	Fattoum Kharchi, Nadia Meziane and Khelil Kartobi	Mechanical Parameters of the Reservoir Rock Measurement in Situ and in Laboratory
193	Amir Hamidi and Elham Ghanbari	Numerical Modeling of Rapid Impact Compaction for Improvement of Loose Sands
194	Emad Osman and Mohamed Abdelmonem	Soil Structure Interaction Analysis of Mid and High Rise Buildings Subjected to Strong Ground Motions Using Small Strain Soil Constitutive Models
196	Özer Cinicioglu and Anil Erkil	Seismic Bearing Capacity of Strip Footings on Sloping Cohesive Soils

199	Ilknur Bozbey, Murat Eren and Sareza Ozdemirli	Earthquake Magnitude-Distance to Epicenter Based Equations for Upper Bound Newmark Slope Displacements
202	Maryam Alahmar and Bushra Al-Busoda	Behavior of Machine Foundation Resting on Collapsible Soil
205	Muge K. Akin, Steven L. Kramer and Tamer Topal	Assessment of Post-Liquefaction Settlements in Erbaa (Tokat-Turkey)
206	Çagatay Kariptas and Nagihan Gok	Geographic Information Systems Interacted Microzonation Studies
210	Nurhan Ecemis	One Directional Laminar Shear Box Design for 1-G Shaking Table Tests
212	Maria-Jose Jimenez and Mariano Garcia-Fernandez	Characterization of Soils in SE Spain for the Generation of Ground-Motion Hazard Scenarios
214	Hakima Djilali Berkane, Abdelwahab Mourad Khellafi, Zamila Harichane and Hamid Afra	Stochastically Based Study of Response Spectra Spatial Variability
219	Anastasia Kiratzi, Nikos Klimis, George Papathanassiou, Basil Christaras, Alexandros Chatzipetros, Spyros Pavlides, Nikos Theodoulidis, Vasilis Margaris, Konstantia Makra, Alexandros Savvaidis, Zafeiria Roumelioti, Elena Zargli, Ioannis Diamantis, Theologos Lazaridis, Eleni Petala, Kostantinos Mimidis and Lina Sapountzi	Towards a Classification of Site Conditions in Greece Based on Their Geological and Geophysical Characteristics
220	Bendadouche Hocine, Khemmoudj Kaddour	Evaluation of Liquefaction: Case of a Refinery
221	Murat E. Selcuk, Kutay Ozaydin and Mehmet Berilgen	Seismic Behavior of Breakwaters on Liquefiable Layers
222	George Bouckovalas, Alexandros Theocharis, Yannis Tsiapas and Yannis Chaloulos	Numerical Analysis of Liquefied Ground Response
224	Dharma Wijewickreme, Douglas Honegger, Leslie Youd	Characterization Of Liquefaction-Induced Lateral Spread Dimensions Based On Past Earthquake Data
225	Carolina Sigaran-Loria and Emmanuel John M. Carranza	Prediction of Co-Seismic Slope Instability With FE Models
227	M. Mekkakia Maaza, Minh Phong Luong, Ahmed Arab and Mostefa Belkhatir	The Influence of Water Content on the Shear Strength of Silty Sands
228	Weian Liu, Tara Hutchinson, Andreas-Gerasimos Gavras, Bruce L. Kutter and Manouchehr Hakhamaneshi	Distribution of Inelastic Seismic Demands in Frame-Wall Structures Assessed in Large-Scale Centrifuge Tests
229	George Papathanassiou and Vasilis Kopsachilis	Earthquake Geo Survey, an Application for Reporting Earthquake-Induced Environmental Effects
230	George Papathanassiou, Riccardo Caputo, Alexandros Chatzipetros and Spyros Pavlides	Liquefaction Phenomena Triggered by the 2012 Emilia-Romagna, Italy Earthquake
231	Hamza Gullu and Murat Pala	A Study on Resonance Effect by Dynamic Soil-Structure Interaction
235	Omer Gurham, Ahmed Elshrief and Elhussien Alarabi	Parametric Evaluation of Stiffened Raft Foundation on Highly Expansive Soil (Soil-Structure Interaction)
238	Jamison H. Steidl, Paul Hegarty, Andrew Lo and Zachary Babbkis	The NEES@UCSB Web-Based Borehole Array Data Dissemination Portal
239	Ali Brara	Dynamic Characterization of Granular Materials by Wave Propagation – An Experimental Approach by Bender Elements
240	Nikolaos Klimis, Konstantinos Papatheodorou, Prodromos Moutsokapas and Basil Margaris	Landslide Hazard Assessment Using GIS: Evaluation of Methodologies Under Static and Seismic Conditions
242	Nikolay Milev and Jordan Milev	A Simplified Soil-Single Footing Interaction Based on Winkler Foundation Model
245	Fahd Cuira and Nomiki Kottaki	Calculation of Dynamic Impedances for an Embedded Structure: Limitations and Suggestions
247	Ahmed Arab, Mostefa Belkhatir and Isam Shahrour	Behavior of Sands Under Monotonic and Cyclic Loading
248	Yassine Benghalia, Ali Bouafia, Jean Canou and Jean-Claude Dupla	Undrained Cyclic Shear Strength Characteristics of Sand-Silt Mixture: Effect of Fines and Density
253	Alessandro Tombari, Maria Chiara Capatti, Francesca Dezi and Mohamed Hesham El Naggar	The Influence of Soil Non-Linearity on the Seismic Response of Bridge Structures Supported on Extended Pile Shafts
254	Francesca Dezi, Fabrizio Gara and Davide Roia	Full-Scale Pile Subjected to Different Lateral Dynamic Loadings

255	Francesca Dezi and Harry Poulos	Kinematic Bending Moments In Square Pile Groups
256	Ramdane Bahar, Mohamed Khiatine and Omar Sadaoui,	Soil Liquefaction Potential Study in Harbor Area of Bejaia, Algeria
264	N. Ozge Zulfikar and Sadik Oztoprak	Effect of Simulated Earthquake Records on the Seismic Design of Geotechnical Structures
265	N. Ozge Zulfikar and Can Zulfikar	A Scenario Based Earthquake Case Study in Marmara Region
267	Muhammad Safdar and Jin Man Kim	Dynamic Properties of Marine Silty Sand at Large Strain Levels in Cyclic Direct Simple Shear Apparatus
270	Mehmet Inanc Onur, Ozgur Yurdakul, Ahmet Tuncan and Mustafa Tuncan	Behaviour of Friction Piles Penetrating Clay Type of Soils Under Seismic Loading
271	Amina Sadouki, Leila Bouaricha, Fatima Zahra Hadj Henn and Zamila Harichane	Investigation of Soil Parameters Randomness Effects on Earthquake Design Forces
272	Jan Laue and Alexandru Marin	A Methodology for the Evaluation of the Seismic Performance of Slopes and Embankments for Swiss Design Guidelines
274	Sedat Bargu and M. Kubilay Kelesoglu	A Parametric Study on the Factors Effecting the Foundation Input Ground Motion
278	Julijana Cvetanovska, Vlatko Sesov and Kemal Edip	Sand Characterization for Experimental Studies on Liquefaction Phenomena
280	Vlatko Sesov, Irena Zafirova, Vera Gadza, Julijana Cvetanovska and Kemal Edip	Laboratory Tests On Soil Dynamic Characteristics of NPP Site
284	Yaurel Guadalupe-Torres, Yanbo Huang, Tong Qiu, Christopher D.P. Baxter and Patrick J. Fox	Evaluation of Effective Density Concept in Calculating Small Strain Shear Modulus of Coarse Grained Soils From Shear Wave Velocity
285	Rui Carrilho Gomes	Adequate Number of Time-Histories to Predict the Ground Seismic Response Using Non-Linear Analyses
286	Tufan Cakir and Ramazan Livaoglu	FE Modeling and Seismic Analysis of a Fluid-Rectangular Tank-Backfill-Soil/Foundation System
287	Ramazan Livaoglu and Aysegul Durmus	Seismic Behavior of Squat Bulk Material-Silo-Foundation/Soil System
288	Mohamed Kamel Gueddouda, Idriss Goual and Mohamed Sayeh Goual	Effect of Lime, Cement and Salt on the Swelling Potential of Expansive Clays from Arid Regions in Algeria
289	Alesandra C. Morales-Velez, Christopher D.P. Baxter and Miguel A. Pando	Liquefaction Resistance of Calcareous Sands from Puerto Rico Using Shear Wave Velocity
291	Waqas Ahmed and Mark Fraser Bransby	Performance and Design Recommendations of a Shallow Foundation Lying Close to Earthquake Reverse Fault
293	Sonja Zlatovic	Importance of Educating the Public
295	Nassima Bakir, Khelifa Abbeche and Azzeddine Lahmadi	Study of the Effect of Lime on Soil Potential for Collapse by the Method of Consolidation Double
296	Sbartai Badreddine and Filali Kamel	Assessment of the Liquefaction Risk of a Soil Deposit Under Seismic Solicitations: Comparison Between the Approached Method and the Dynamic Nonlinear Method
297	Badreddine Sbartai and Mouloud Hamidatou	Prediction of Seismic Risk ($M = 6.5$) of the Constantine City, Algeria
305	Achilleas Papadimitriou, Zoi Tetta and Miltiadis Mellios	Aggravation of Peak Seismic Acceleration Along Trapezoidal Alluvial Valleys
307	Sandro Carbonari, Michele Morici, Francesca Dezi and Graziano Leoni	Seismic Soil-Structure-Interaction of Multi-Span Bridges with Continuous Deck
309	Achilleas G. Papadimitriou and Georgia I. Agapoulaki	Mechanical Response and Simulation of Sands Stabilized with Colloidal Silica Against Seismic Liquefaction
313	Salah Messast	Analysis of the Vibration Transmission from Soil to a Pile Foundation by a 3-D FEM-BEM Method
314	Idriss Goual, Mohamed Kamel Gueddouda, Mohamed Sayeh Goual, Said Taibi, Nabil Abou-Bekr and Ahmida Ferhat	Hydro Mechanical Behaviour of Compacted Tuff-Limestone Sand Mixture of Algerian Arid Region
318	Mehmet Ada, Ece Eseller Bayat and Yalcin Bulut	Estimation of Dynamic Soil Properties Using Downhole Acceleration Records
321	Atila Sezen, C.Guney Olgun, Hayreddin Ersan, Huseyin Yildirim and Ayfer Erken	Post-Cyclic Recompression and Strength of Clays
322	B. Pallavi Ravishankar and Neelima Satyam	Numerical Modelling to Study Dynamic Soil Structure Interaction Effects on Asymmetrical Tall Buildings

323	Gaetano Zonno, Raffaele Azzaro, Francesca Bianco, Paola Cusano, Salvatore D'Amico, Vera D'Amico, Susanna Falsaperla, Danilo Galluzzo, Horst Langer, Fabrizio Meroni, Gemma Musacchio, Rosella Nave, Fabio Sansivero, Luciano Scarfi, Giusy Tusa, Tiziana Tuve, Renata Rotondi, Carla Brambilla, Elisa Varini, Carlos S. Oliveira, Monica A. Ferreira, Mario Lopes, Francisco Mota de Sa, Joao C. Nunes, Alexandra Carvalho, Maria-Luisa Sousa, Sonia Raposo, Mariano Garcia-Fernandez, Maria-Jose Jimenez, Alba Beltran, Jenni Jenni, Ragnar Sigbjornsson, Elva Bernhardsdottir, Simon Olafsson, Rajesh Rupakhety, Sigurdur U. Sigurdsson and Solveig Thorvaldsdottir, Jonas T. Snaebjoernsson and Dario Albarello	Urban Disaster Prevention Strategies Using Macroseismic Fields and Fault Sources (UPStrat-MAFA)
326	Duhee Park and Jin-Kwon Yoo	Effect of Rock Joints on Seismic Response of Tunnels
328	Muhsin Elie Rahhal and Mayssa Kalach	Applying Updated Soil Liquefaction Potential Evaluation Methods to Soil Deposits in Lebanon
329	Nourredine Mezouar and Mohamed Hadid	Modeling of Algiers Shear Wave Velocity Profiles
330	A. Laouami	New Soil Classification Approach and Development of Design Spectra