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LIQUEFACT

Assessment and mitigation of Liquefaction potential across Europe: a holistic approach to protect structures/infrastructure for improved resilience to earthquake-induced Liquefaction disasters.

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Authors:	Giuseppe Modoni (UNICAS), Carlo Lai (UNIPV), António Viana da Fonseca (UPORTO), Janko Logar (ULJ), Sadik Oztoprak (ISTAN_UNI), Alessandro Flora (UNINA), Keth Jones (ARU), Vincenzo Fioravante (ISMGEO), Abdelghani Meslem (NORSAR), Luca Pingue (TREVI)
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LIST OF PARTNERS

Partecipant	Name	Country
UNICAS	Università degli Studi di Cassino e del Lazio Meridionale	Italy
ARU	Anglia Ruskin University	UK
UNIPV **EUCENTRE**	University of Pavia European Centre European Centre for Training and Research in Earthquake Engineering of Pavia	Italy
UPORTO	University of Porto	Portugal
NORSAR	Stiftelsen Norsar	Norway
Istan-Uni	Istanbul Universitesi	Turkey
UNINA	Universita degli Studi di Napoli Federico II	Italy
ULJ	Univerza V Ljubljani	Slovenia
ISMGEO	Istituto Sperimentale Modelli Geotecnici	Italy

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	AUTHORS	TITLE	ARTICLE TYPE	Document Identifier	Link
1	LAI C.G., BOZZONI F., MEISINA C., POGGI V., ZUCCOLO E., BONÌ R., CONCA D., FAMÀ A., COSENTINI R.	MAPPING THE LIQUEFACTION HAZARD AT DIFFERENT GEOGRAPHICAL SCALES	Proc. of the 7th International Conference on Earthquake Geotechnical Engineering, **7ICEGE**, Rome (Italy), June 2019.	10.5281/zenodo.3464956	https://doi.org/10.5281/zenodo.3464956
2	MEISINA C., BONÌ R., BORDONI M., LAI C.G., FAMÀ A., BOZZONI F., COSENTINI R.M., CASTALDINI D., FONTANA D., LUGLI S., GHINOI A., MARTELLI L., SEVERI P.	3D GEOLOGICAL MODEL RECONSTRUCTION FOR LIQUEFACTION HAZARD ASSESSMENT IN THE PO PLAIN	Proc. of the 7th International Conference on Earthquake Geotechnical Engineering, **7ICEGE**, Rome (Italy), June 2019.	10.5281/zenodo.3465229	https://doi.org/10.5281/zenodo.3465229
3	GOMEZ J.C., BOZZONI F., FAMÀ A., LAI C.G.	ASSESSMENT OF EARTHQUAKE-INDUCED- RISK OF SOIL LIQUEFACTION USING CPT-BASED METHODS: APPLICATION TO THE CASE STUDY OF CAVEZZO MUNICIPALITY (ITALY)	Geophysical Research Abstracts, European Geosciences Union General Assembly 2019, **EGU 2019**, April 7-12 2019, Vienna, Austria.	10.5281/zenodo.3465459	https://doi.org/10.5281/zenodo.3465459
4	LAI C.G., CONCA D., MEISINA C., BONÌ R., BOZZONI F.	EARTHQUAKE-INDUCED SOIL LIQUEFACTION RISK: MACROZONATION OF THE EUROPEAN TERRITORY TAKING INTO ACCOUNT EXPOSURE	Proceedings of the IABSE Symposium "Towards a Resilient Built Environment - Risk and Asset Management", March 27-29, 2019, Guimarães, Portugal.	10.5281/zenodo.3465473	https://doi.org/10.5281/zenodo.3465473

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5	LAI, C.G., BOZZONI, F., POGGI, V., ZUCCOLO, E., MEISINA, C., FAMÀ, A., CONCA, D., BONÌ, R., COSENTINI, R., MARTELLI, L., ÖZCEBE, A.G.	SEISMIC MICROZONATION FOR LIQUEFACTION RISK	Proceedings, XXV Conference of Geotechnics of Torino (**CGT 2018**) entitled "Analyses and Design of Geotechnical Systems in Seismic Areas", November 8-9, 2018, Torino, Italy.	10.5281/zenodo.3464939	https://doi.org/10.5281/zenodo.3464939
6	SHINDE S., BOZZONI F., LAI C.G., CUBRINOVSKI M.	LIQUEFACTION DEMAND PARAMETERS BEST CORRELATED TO DAMAGE ON BURIED PIPELINE NETWORKS: THE CASE STUDY OF CHRISTCHURCH	Proc. of the 7th International Conference on Earthquake Geotechnical Engineering, **7ICEGE**, Rome (Italy), June 2019.	10.5281/zenodo.3465277	https://doi.org/10.5281/zenodo.3465277
7	MASSA, M., MASCANDOLA, C., LOVATI, S., CARANNANTE, S., MORASCA, P., D'ALEMA, E., FRANCESCHINA, G., GOMEZ, A., POGGI, V., MARTELLI, L., LAI, C.	SEISMIC AND GEOLOGICAL BEDROCK DEPTH ESTIMATION AT CAVEZZO SITE (PO PLAIN, NORTHERN ITALY): EXAMPLE OF PASSIVE GEOPHYSICAL SURVEY IN THE ASSESSMENT OF SOIL LIQUEFACTION POTENTIAL	Geophysical Research Abstracts, European Geosciences Union General Assembly 2018, **EGU 2018**, April 8-13, 2018. Vienna, Austria.	10.5281/zenodo.3465487	https://doi.org/10.5281/zenodo.3465487

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UPORTO

	AUTHORS	TITLE	ARTICLE TYPE	Document Identifier	Link
1	C. FERREIRA, A. VIANA DA FONSECA, S. SALDANHA, C. RAMOS, S. AMOROSO, L. MINARELLI	ESTIMATED VERSUS MEASURED V S PROFILES AND V S30 AT A PILOT SITE IN THE LOWER TAGUS VALLEY, PORTUGAL.	XVI European Conference on Earthquake Engineering – Thessaloniki (Greece) 18-21 June 2018	10.5281/zenodo.3464950	https://doi.org/10.5281/zenodo.3464950
2	A. RAMOS, R. GOMES, A. VIANA DA FONSECA	ASSESSMENT OF SEISMIC SITE RESPONSE BASED ON MICROTREMOR MEASUREMENTS	XVI European Conference on Earthquake Engineering – Thessaloniki (Greece) 18-21 June 2018	10.5281/zenodo.3465205	https://doi.org/10.5281/zenodo.3465205
3	C. RAMOS, C. FERREIRA, F. MOLINA-GÓMEZ, A. VIANA DA FONSECA	CRITICAL STATE LINES OF PORTUGUESE LIQUEFIABLE SANDS	IS-Glasgow	10.1051/e3sconf/20199206003	https://doi.org/10.1051/e3sconf/20199206003
4	A. VIANA DA FONSECA, C. RAMOS, C. FERREIRA, A.S. SALDANHA	LIQUEFACT PILOT SITE AT THE GREATER LISBON AREA: PRELIMINARY MICROZONATION OF LIQUEFACTION SUSCEPTIBILITY	Proceedings of the 16th National Portuguese Geotechnical Congress (16CNG), Ponta Delgada, Azores, Portugal	10.5281/zenodo.3465225	https://doi.org/10.5281/zenodo.3465225

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5	A. VIANA DA FONSECA, C. FERREIRA, S. SALDANHA, C. RAMOS, C. RODRIGUES	COMPARATIVE ANALYSIS OF LIQUEFACTION SUSCEPTIBILITY ASSESSMENT BY CPTU AND SPT TESTS.	Proceedings of CPT'18: 4th International Symposium on Cone Penetration Testing, 21 to 22 June 2018, Delft, The Netherlands	10.5281/zenodo.3465239	https://doi.org/10.5281/zenodo.3465239
6	A. VIANA DA FONSECA, C. FERREIRA, F. MOLINA-GÓMEZ, C. RAMOS	COLLECTION OF HIGH-QUALITY SAMPLES IN LIQUEFIABLE SOILS USING NEW SAMPLING TECHNIQUES.	Proceedings of the XVII ECSMGE-2019, Reykjavik, 1-6 September 2019	10.32075/17ECSMGE-2019-0014	https://doi.org/10.32075/17ECSMGE-2019-0014
7	A. VIANA DA FONSECA, C. FERREIRA, C. RAMOS, F. MOLINA-GÓMEZ	THE GEOTECHNICAL TEST SITE IN THE GREATER LISBON AREA FOR LIQUEFACTION CHARACTERISATION AND SAMPLE QUALITY CONTROL OF COHESIONLESS SOILS.	AIMS Geosciences, 5(2): 325–343	10.3934/geosci.2019.2.325	https://doi.org/10.3934/geosci.2019.2.325
8	F. GOUVEIA, A. VIANA DA FONSECA, R. CARRILHO GOMES, P. TEVES-COSTA	DEEPER VS PROFILE CONSTRAINING THE DISPERSION CURVE WITH THE ELLIPTICITY CURVE: A CASE STUDY IN LOWER TAGUS VALLEY, PORTUGAL	Soil Dynamics and Earthquake Engineering. Vol. 109,188-198	10.1016/j.soildyn.2018.03.010	https://doi.org/10.1016/j.soildyn.2018.03.010
9	A.S. SALDANHA, A. VIANA DA FONSECA, C. FERREIRA	MICROZONATION OF THE LIQUEFACTION SUSCEPTIBILITY:	Geotecnia, Journal of the Portuguese Geotechnical Society, March 2018	10.24849/j.geot.2018.142.01	https://doi.org/10.24849/j.geot.2018.142.01

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		CASE STUDY IN THE LOWER TAGUS VALLEY			
10	C. FERREIRA, A. VIANA DA FONSECA, A.S. SALDANHA, C. RAMOS, S. AMOROSO, C. RODRIGUES	COMPARATIVE ANALYSIS OF LIQUEFACTION SUSCEPTIBILITY ASSESSMENT METHODS BASED ON THE INVESTIGATION ON A PILOT SITE IN THE GREATER LISBON AREA	Bulletin of Earthquake Engineering	10.1007/s10518-019-00721-1	https://doi.org/10.1007/s10518-019-00721-1
11	BOROZAN, J., ALVES COSTA, P., ROMÃO, X., QUINTERO, J., VIANA DA FONSECA, A	NUMERICAL MODELLING OF THE DYNAMIC RESPONSE OF LIQUEFIABLE DEPOSITS IN THE PRESENCE OF SMALL SCALE BUILDINGS	6th ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering (COMPDYN 2017)	10.5281/zenodo.3465422	https://doi.org/10.5281/zenodo.3465422
12	F. GÓMEZ-MARTÍNEZ, M. MILLEN, P. ALVES COSTA, X. ROMÃO, A. VIANA DA FONSECA	POTENTIAL RELEVANCE OF DIFFERENTIAL SETTLEMENTS IN EARTHQUAKE-INDUCED LIQUEFACTION DAMAGE ASSESSMENT	XVI European Conference on Earthquake Engineering – Thessaloniki (Greece) 18-21 June 2018	10.5281/zenodo.3465428	https://doi.org/10.5281/zenodo.3465428
13	M. MILLEN, A. VIANA DA FONSECA, X. ROMÃO	PRELIMINARY DISPLACEMENT-BASED ASSESSMENT PROCEDURE FOR BUILDINGS ON LIQUEFIED SOIL.	XVI European Conference on Earthquake Engineering – Thessaloniki (Greece) 18-21 June 2018	10.5281/zenodo.3465439	https://doi.org/10.5281/zenodo.3465439

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14	J. QUINTERO, S. SALDANHA, M. MILLEN, A. VIANA DA FONSECA, S. SARGIN, S. OZTOPRAK, M. K. KELESOGLU	INVESTIGATION INTO THE SETTLEMENT OF A CASE STUDY BUILDING ON LIQUEFIABLE SOIL IN ADAPAZARI, TURKEY	Geotechnical Earthquake Engineering and Soil Dynamics V ASCE Geotechnical Special Publication, GSP 290, pp. 321-336.	10.5281/zenodo.3465515	https://doi.org/10.5281/zenodo.3465515
15	M. D. L., MILLEN, A., VIANA DA FONSECA & X. ROMÃO	HUMAN-DRIVEN MACHINE-AUTOMATION OF ENGINEERING RESEARCH	9th Conf. in Numerical Methods in Geotechnical Engineering. Porto, Portugal, CRC Press, A. Balkema (ISBN: 978-1-138-54446-8)	10.5281/zenodo.3465443	https://doi.org/10.5281/zenodo.3465443
16	RIOS, S., MILLEN, M., SECULIN, D., VIANA DA FONSECA, A.	COMPARISON BETWEEN ENERGY AND STRESS BASED PORE PRESSURE MODELS IN LIQUEFIABLE DEPOSITS	17th European Conference on Soil Mechanics and Geotechnical Engineering, Reykjavik, Iceland	10.32075/17ECSMGE-2019-0384	https://doi.org/10.32075/17ECSMGE-2019-0384
17	RIOS, S., MILLEN, M., SECULIN, D., VIANA DA FONSECA, A	COMPARISON AMONG DIFFERENT APPROACHES OF ESTIMATING PORE PRESSURE DEVELOPMENT IN LIQUEFIABLE DEPOSITS.	7th International Conference on Earthquake Engineering, Rome, Italy	10.5281/zenodo.3465455	https://doi.org/10.5281/zenodo.3465455

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18	MILLEN, M., FERREIRA, C., GERACE, A., VIANA DA FONSECA, A.	SIMPLIFIED EQUIVALENT SOIL PROFILES BASED ON LIQUEFACTION PERFORMANCE FOR SHALLOW-FOUNDED STRUCTURES.	7th International Conference on Earthquake Engineering, Rome, Italy	10.5281/zenodo.3465451	https://doi.org/10.5281/zenodo.3465451
19	MILLEN, M., QUINTERO, J., PANICO, F., PEREIRA, N., ROMÃO, X., VIANA DA FONSECA, A	SOIL-FOUNDATION MODELLING FOR VULNERABILITY ASSESSMENT OF BUILDINGS IN LIQUEFIED SOILS.	7th International Conference on Earthquake Engineering, Rome, Italy	10.5281/zenodo.3465628	https://doi.org/10.5281/zenodo.3465628
20	RIOS, S., MILLEN, M., QUINTERO, J. AND VIANA DA FONSECA, A.	PHYSICALLY-BASED OBJECT-ORIENTED DATABASES FOR GEOTECHNICAL ENGINEERING	International Conference on Information Technology in Geo-Engineering, 29 Setembro a 3 de Outubro, Guimarães, Portugal	10.1007/978-3-030-32029-4_22	https://doi.org/10.1007/978-3-030-32029-4_22
21	RAMOS, C., VIANA DA FONSECA, A., COELHO, D.	EVALUATION OF CYCLIC LIQUEFACTION RESISTANCE FROM LABORATORY TESTS ON LIQUEFIABLE SOILS FROM THE LOWER TAGUS VALLEY	Proceedings of the 16th National Portuguese Geotechnical Congress (16CNG), Ponta Delgada, Azores, Portugal	10.5281/zenodo.3465694	https://doi.org/10.5281/zenodo.3465694

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22	RAMOS, C., VIANA DA FONSECA, A., OBLAK, A., COOP, M.R.	CYCLIC SIMPLE SHEAR AND TRIAXIAL TESTS ON LISBON REGION LIQUEFIABLE SANDS	7th International Conference on Earthquake Engineering, Rome, Italy	10.5281/zenodo.3465700	https://doi.org/10.5281/zenodo.3465700

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1	BILOTTA E., A. CHIARADONNA, G. FASANO, A. FLORA, L. MELE, V. NAPPA, S. LIRER, V. FIORAVANTE	EXPERIMENTAL EVIDENCES OF THE EFFECTIVENESS OF SOME LIQUEFACTION MITIGATION MEASURES	Proc. of the IABSE Symposium 2019 Guimarães: Towards a Resilient Built Environment - Risk and Asset Management. Guimarães (Portugal), March 2019	10.5281/zenodo.3463346	https://doi.org/10.5281/zenodo.3463346
2	CAPUTO P., CHIARADONNA A., DI LUDOVICO M., BILOTTA E., PROTA A., FLORA A., MARTELLI L.	SOIL LIQUEFACTION AND INDUCED DAMAGE TO STRUCTURES: A CASE STUDY FROM THE 2012 EMILIA EARTHQUAKE.	proc. of the 7th international conference on earthquake geotechnical engineering, 7ICEGE, Rome (Italy), june 2019	10.5281/zenodo.3463400	https://doi.org/10.5281/zenodo.3463400
3	CHIARADONNA A., BILOTTA E., D'ONOFRIO A., FLORA A., SILVESTRI F.	A SIMPLIFIED PROCEDURE FOR EVALUATING POST-SEISMIC SETTLEMENTS IN LIQUEFIABLE SOILS.	Proceedings of the 5th Conference on Geotechnical Earhquake Engineering and Soil Dynamics, GEESDV, Austin (Texas).	10.1061/9780784481455.005	https://doi.org/10.1061/9780784481455.005
4	CHIARADONNA A., D'ONOFRIO A., BILOTTA E.	ASSESSMENT OF POST-LIQUEFACTION CONSOLIDATION SETTLEMENT.	Journal paper: Bulletin of Earthquake Engineering	10.1007/s10518-019-00695-0	https://doi.org/10.1007/s10518-019-00695-0

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5	CHIARADONNA A., ÖZCEBE A.G., BOZZONI F., FAMA A., ZUCCOLO E., LAI C.G., FLORA A., COSENTINI R.M., D'ONOFRIO A., BILOTTA E., SILVESTRI F.	NUMERICAL SIMULATION OF SOIL LIQUEFACTION DURING THE 20 MAY 2012 M6.1 EMILIA EARTHQUAKE IN NORTHERN ITALY: THE CASE STUDY OF PIEVE DI CENTO.	Proc. Of the 16th Europen Conference on Earthquake Engineering, **16ECEE**, Thessaloniki (Greece).	10.5281/zenodo.3463420	https://doi.org/10.5281/zenodo.3463420
6	DE SARNO D., FASANO G., BILOTTA E., & FLORA A.	DESIGN METHOD FOR HORIZONTAL DRAINS IN LIQUEFIABLE SOIL.	Proc. of the 7th International Conference on Earthquake Geotechnical Engineering, **7ICEGE**, Rome (Italy), June 2019	10.5281/zenodo.3463426	https://doi.org/10.5281/zenodo.3463426
7	DI LUDOVICO M., CHIARADONNA A., BILOTTA E., FLORA A., PROTA A.	EMPIRICAL DAMAGE AND LIQUEFACTION FRAGILITY CURVES FROM 2012 EMILIA EARTHQUAKE DATA.	Journal paper: Earthquake Spectra	10.5281/zenodo.3464108	https://doi.org/10.5281/zenodo.3464108
8	FASANO G., BILOTTA E., FLORA A., FIORAVANTE V., GIRETTI D., LAI C.G. AND ÖZCEBE A.G.	DYNAMIC CENTRIFUGE TESTING TO ASSESS LIQUEFACTION POTENTIAL.	Physical Modelling in Geotechnics, Proc. 9th Int. Conf. on Physical Modelling in Geotechnics, **ICPMG 2018**, July 17-20, London, United Kingdom, Volume 2, 955-960.	10.5281/zenodo.3463437	https://doi.org/10.5281/zenodo.3463437
9	FASANO G., DE SARNO D., BILOTTA E., & FLORA A.	DESIGN OF HORIZONTAL DRAINS FOR THE MITIGATION OF LIQUEFACTION RISK.	Journal paper: Soils and Foundations	10.1016/j.sandf.2019.07.004	https://doi.org/10.1016/j.sandf.2019.07.004

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10	FASANO G., NAPPA V., BILOTTA E., & FLORA A.	PARAMETRIC STUDY TO EVALUATE THE PERFORMANCE OF HORIZONTAL DRAINS AS MITIGATION TECHNIQUE AGAINST SOIL LIQUEFACTION.	Proc. of the 7th International Conference on Earthquake Geotechnical Engineering, **7ICEGE**, Rome (Italy), June 2019	10.5281/zenodo.3463477	https://doi.org/10.5281/zenodo.3463477
11	FIORAVANTE V., D. GIRETTI, J. MOGLIE, E. BILOTTA, G. FASANO, A. FLORA, V. NAPPA.	CENTRIFUGE MODELLING IN LIQUEFIABLE GROUND BEFORE AND AFTER THE APPLICATION OF REMEDIATION TECHNIQUES.	Proc. of the 7th International Conference on Earthquake Geotechnical Engineering, **7ICEGE**, Rome (Italy), June 2019	10.5281/zenodo.3463481	https://doi.org/10.5281/zenodo.3463481
12	FLORA A., CHIARADONNA A., BILOTTA E., FASANO G., MELE L., LIRER S., PINGUE L., FANTI F.	FIELD TESTS TO ASSESS THE EFFECTIVENESS OF THE GROUND IMPROVEMENT FOR LIQUEFACTION MITIGATION.	Invited lecture. Proc. of the 7th International Conference on Earthquake Geotechnical Engineering, **7ICEGE**, Rome (Italy), June 2019	10.5281/zenodo.3463548	https://doi.org/10.5281/zenodo.3463548
13	LIRER S. & MELE L.	ON THE APPARENT VISCOSITY OF GRANULAR SOILS DURING LIQUEFACTION TESTS.	Journal paper: Bulletin and Earthquake Engineering.	10.1007/s10518-019-00706-0	https://doi.org/10.1007/s10518-019-00706-0

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14	MELE L., & FLORA A.	ON THE PREDICTION OF LIQUEFACTION RESISTANCE OF UNSATURATED SANDS.	Journal paper: Soil Dynamics and Earthquake Engineering.	10.1016/j.soildyn.2019.05.028	https://doi.org/10.1016/j.soildyn.2019.05.028
15	MELE L., FLORA A., LIRER S., D'ONOFRIO A., BILOTTA E.	EXPERIMENTAL STUDY OF THE INJECTABILITY AND EFFECTIVENESS OF LAPONITE MIXTURES AS LIQUEFACTION MITIGATION TECHNIQUE.	Proceedings of the 5th Geotechnical Earthquake Engineering and soil dynamics, **GEESDV**, Austin (Texas).	10.1061/9780784481486.028	https://doi.org/10.1061/9780784481486.028
16	MELE L., LIRER S., FLORA A.	THE SPECIFIC DEVIATORIC ENERGY TO LIQUEFACTION IN SATURATED CYCLIC TRIAXIAL TESTS.	Proc. of the 7th International Conference on Earthquake Geotechnical Engineering, **7ICEGE**, Rome (Italy), June 2019	10.5281/zenodo.3463563	https://doi.org/10.5281/zenodo.3463563
17	MELE L., LIRER S., FLORA A.	A LIQUEFACTION SURFACE TO DESCRIBE LIQUEFACTION PHENOMENA IN UNSATURATED SANDY SOILS.	Proc. of the 7th International Conference on Earthquake Geotechnical Engineering, **7ICEGE**, Rome (Italy), June 2019	10.5281/zenodo.3463558	https://doi.org/10.5281/zenodo.3463558
18	MELE L., LIRER S., FLORA A.	THE EFFECT OF CONFINEMENT IN LIQUEFACTION TESTS CARRIED OUT IN A CYCLIC SIMPLE SHEAR APPARATUS.	Proc. of the 7th International Symposium on Deformation Characteristics of	10.1051/e3sconf/20199208002	https://doi.org/10.1051/e3sconf/201992080002

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			Geomaterials, **IS-Glasgow 2019**, Glasgow (Scotland).		
19	MELE L., LIRER S., FLORA A.	THE EFFECT OF DENSIFICATION ON PIEVE DI CENTO SANDS IN CYCLIC SIMPLE SHEAR TESTS	In *National Conference of the Researchers of Geotechnical Engineering* (pp. 446-453), Springer, Cham.	10.1007/978-3-030-21359-6_47	https://doi.org/10.1007/978-3-030-21359-6_47
20	MELE L., TAN TIAN J., LIRER S., FLORA A., KOSEKI J.	LIQUEFACTION RESISTANCE OF UNSATURATED SANDS: EXPERIMENTAL EVIDENCE AND THEORETICAL INTERPRETATION.	Journal paper: Géotechnique.	10.1680/jgeot.18.p.042.	https://doi.org/10.1680/jgeot.18.p.042.

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1	MESLEM, ABDELGHANI; IVERSEN, HÅVARD; LANG, DOMINIK; KASCHWICH, TINA; DRANGE, LINN SIR; JONES, KEITH;	The LRG Software for liquefaction mitigation planning and decision support	IABSE Symposium 2019 Guimaraes: Towards a Resilient Built Environment – Risk and Asset Management, March 27-29 2019	10.5281/zenodo.3463381	https://doi.org/10.5281/zenodo.3463381
2	MESLEM, ABDELGHANI; IVERSEN, HÅVARD; KAMRAN, IRANPOUR; KASCHWICH, TINA; JONES, KEITH;	THE LRG SOFTWARE FOR ASSESSING RISKS RELATED TO EARTHQUAKE-INDUCED LIQUEFACTION, MITIGATION PLANNING, AND DECISION SUPPORT	Conference on Earthquake risk and engineering towards a resilient world, 9-10 September 2019 Greenwich, London, UK	10.5281/zenodo.3463308	http://doi.org/10.5281/zenodo.3463308
3	KEITH JONES, ANDREA BARTOLUCCI AND KATIE HISCOCK	THE ROLE OF FM IN DISASTER RESILIENCE: INTEGRATING THE SENDAI FRAMEWORK INTO DISASTER RISK MANAGEMENT	Research papers for EUROFM 16th research symposium EFMC 2017, 25-28 April 2017, Madrid, Spain pp 203-213	10.5281/zenodo.1252987	https://doi.org/10.5281/zenodo.1252987

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4	MARIANTONIETTA MORGA AND KEITH JONES	TOOLKIT FOR RESILIENCE ASSESSMENT OF CRITICAL INFRASTRUCTURES TO EARTHQUAKE INDUCED SOIL LIQUEFACTION DISASTERS	IABSE Symposium 2019 Guimaraes: Towards a Resilient Built Environment – Risk and Asset Management, March 27-29 2019	10.5281/zenodo.3048844	https://doi.org/10.5281/zenodo.3048844
5	KEITH JONES, MARIANTONIETTA MORGA, NADEESHANI WANIGARATHNA, AND FEDERICA PASCALE	COST-BENEFIT ANALYSIS OF LIQUEFACTION MITIGATION STRATEGIES	IABSE Symposium 2019 Guimaraes: Towards a Resilient Built Environment – Risk and Asset Management, March 27-29 2019	10.5281/zenodo.3049007	https://doi.org/10.5281/zenodo.3049007

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1	MESLEM, H. IVERSEN, D.H. LANG, T. KASCHWICH & L.S. DRANGE	A HIGH-PERFORMANCE COMPUTATIONAL PLATFORM TO ASSESS LIQUEFACTION-INDUCED DAMAGE AT CRITICAL STRUCTURES AND INFRASTRUCTURES	Earthquake Geotechnical Engineering for Protection and Development of Environment and Constructions – Silvestri & Moraci (Eds) © 2019 Associazione Geotecnica Italiana, Rome,	10.5281/zenodo.3463377	https://doi.org/10.5281/zenodo.3463377

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			Italy, ISBN 978-0-367-14328-2		
2	MESLEM, A., IVERSEN, A, KAMRAN I., KASCHWICH T., JONES K.	THE LRG SOFTWARE FOR ASSESSING RISKS RELATED TO EARTHQUAKE-INDUCED LIQUEFACTION, MITIGATION PLANNING, AND DECISION SUPPORT	2019 Conference on Earthquake Risk and Engineering toward a resilient world	10.5281/zenodo.3463308	https://doi.org/10.5281/zenodo.3463308
3	MESLEM, A., IVERSEN, A, LANG D., KASCHWICH T., DRANGE L.S., JONES K.	THE LRG SOFTWARE FOR LIQUEFACTION MITIGATION PLANNING AND DECISION SUPPORT	IABSE Symposium 2019 Guimarães Towards a Resilient Built Environment - Risk and Asset Management March 27-29, 2019, Guimarães, Portug	10.5281/zenodo.3463381	https://doi.org/10.5281/zenodo.3463381

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1	SPACAGNA R.L., PAOLELLA L., RASULO A., MODONI G.	SPATIAL VARIBILITY OF CPT DATA FOR LIQUEFACTION ASSESSMENT	XVI European Conference on Earthquake Engineering – Thessaloniki (Greece) 18-21 June 2018	10.5281/zenodo.3463360	https://doi.org/10.5281/zenodo.3463360
2	SALVATORE E., MODONI G., MASCOLO M.C., GRASSI D., TRALDI D., PROIA R., CROCE P.	LOW PRESSURE GROUTING WITH NANOSILICATES TO REDUCE THE LIQUEFACTION SUSCEPTIBILITY OF SAND	XVI European Conference on Earthquake Engineering – Thessaloniki (Greece) 18-21 June 2018	10.5281/zenodo.3463366	https://doi.org/10.5281/zenodo.3463366
3	D'APUZZO M., ESPOSITO A., EVANGELISTI A., SPACAGNA R.L., PAOLELLA L., MODONI G.	STRATEGIES FOR THE ASSESSMENT OF RISK INDUCED BY SEISMIC LIQUEFACTION ON ROAD NETWORKS	29th European Safety and Reliability Conference. *Edited by* Michael Beer and Enrico Zio, Copyright ©2019 by ESREL2019 Organizers. *Published by* Research Publishing, Singapore ISBN: 981-973-0000-00-0 ::	10.3850/981-973-0000-00-0 esrel2019-paper	https://doi.org/10.3850/981-973-0000-00-0 esrel2019-paper
4	MODONI G., CROCE P., PROIA R., SPACAGNA R.L.	GUIDELINES AND CODES FOR LIQUEFACTION MITIGATION BY GROUND IMPROVEMENT	IABSE Symposium 2019 Guimarães Towards a Resilient Built Environment - Risk and Asset Management March 27-29, 2019, Guimarães, Portugal	10.5281/zenodo.3463383	https://doi.org/10.5281/zenodo.3463383
5	MODONI G., SPACAGNA R.L., PAOLELLA L., SALVATORE E., RASULO A., MARTELLI L	LIQUEFACTION RISK ASSESSMENT: LESSON LEARNED FROM A CASE STUDY	Earthquake Geotechnical Engineering for Protection and Development of Environment and Constructions – Silvestri & Moraci (Eds)	10.5281/zenodo.3463402	https://doi.org/10.5281/zenodo.3463402

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6	PAOLELLA L.; SALVATORE E.; SPACAGNA R.L.; MODONI G.; OCHMANSKI M.	PREDICTION OF LIQUEFACTION DAMAGE WITH ARTIFICIAL NEURAL NETWORKS	Earthquake Geotechnical Engineering for Protection and Development of 7Environment and C8onstructions – Silvestri & Moraci (Eds) © 2019 Associazione Geotecnica Italiana, Rome, Italy, ISBN 978-0-367-14328-2	10.5281/zenodo.3463412	https://doi.org/10.5281/zenodo.3463412
7	SALVATORE E., PROIA R., MASCOLO M.C., MODONI G., GRASSI D.	LOW PRESSURE GROUTING WITH NANOSILICATE TO REDUCE THE LIQUEFACTION SUSCEPTIBILITY OF SAND	Earthquake Geotechnical Engineering for Protection and Development of Environment and Constructions – Silvestri & Moraci (Eds) © 2019 Associazione Geotecnica Italiana, Rome, Italy, ISBN 978-0-367-14328-2	10.5281/zenodo.3463422	https://doi.org/10.5281/zenodo.3463422

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1	OZTOPRAK S., OSER C., SARGİN S., BOZBEY I., AYSAL N., OZCEP F.,	EVALUATION OF SYSTEM RESPONSE AND LIQUEFACTION DAMAGE ASSESSMENT TOOLS	7th ICEGE (International Conference on Earthquake Geotechnical Engineering), Rome, ITALY, 17-20 June 2019	10.5281/zenodo.3465533	https://doi.org/10.5281/zenodo.3465533

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	KELESOGLU, M.K., ALMASRAF, M.	APPLIED TO ADAPAZARI CASES IN KOCAELI 1999 EARTHQUAKE			
2	QUINTERO, J., SALDANHA, S., MILLEN, M., VIANA DA FONSECA, A., SARGIN, S., OZTOPRAK, S., KELESOGLU, M. K.	INVESTIGATION INTO THE SETTLEMENT OF A CASE STUDY BUILDING ON LIQUEFIABLE SOIL IN ADAPAZARI, TURKEY	Geotechnical Earthquake Engineering and Soil Dynamics V GSP 290, ASCE	10.1061/9780784481455.032	https://doi.org/10.1061/9780784481455.032
3	OZTOPRAK, S., SARGIN, S., ALMASRAF, M. , KELESOGLU, M. K., BOZBEY, I., OSER, C.	YAPI YÜKÜ ETKİSİ ALTINDA SIVILAŞMAYA BAĞLI OTURMALARIN ANALİTİK VE NÜMERİK OLARAK HESAPLANMASI: ADAPAZARI ÖRNEĞİ	17th National Conference on Soil Mechanics and Geotechnical Engineering, Istanbul, TURKEY, 26-28 September 2018	10.5281/zenodo.3465574	https://doi.org/10.5281/zenodo.3465574
4	OZTOPRAK S., BOZBEY I., OSER C., SARGIN S., OZCEP F., AYSAL N., KELESOGLU, M. K., ALMASRAF, M.	ÇANAKKALE ŞEHİR MERKEZİNİN SIVILAŞMA AÇISINDAN ZEMİN KARAKTERİZASYONU	17th National Conference on Soil Mechanics and Geotechnical Engineering, Istanbul, TURKEY, 26-28 September 2018	10.5281/zenodo.3465483	https://doi.org/10.5281/zenodo.3465483
5	OZTOPRAK, S., BOZBEY, I., OSER, C., SARGIN, S., OZCEP, F., AYSAL, N., TEZEL, O., CINKU, M.C., OZDEMIR, K, BEKIN, E., ALMASRAF, M.	GROUND CHARACTERIZATION OF CANAKKALE CITY CENTER FROM A LIQUEFACTION POINT OF VIEW	16th European Conference on Earthquake Engineering, Thessaloniki, GREECE, 18-21 June 2018	10.5281/zenodo.3465430	https://doi.org/10.5281/zenodo.3465430
6	OZCEP, F., OZTOPRAK, S., AYSAL, N., BOZBEY, I., TEZEL, O., OSER, C., SARGIN, S., BEKIN, E., ALMASRAF, M., CINKU, M. C., OZDEMIR, K.	DETERMINATION OF THE GROUND CHARACTERIZATION IN CANAKKALE WITHIN THE SCOPE OF LIQUEFACT PROJECT	EGU2018, Vienna, AUSTRIA, 8-13 April 2018	10.5281/zenodo.3465293	https://doi.org/10.5281/zenodo.3465293

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7	OZCEP, F., OZTOPRAK, S., AYSAL, N., BOZBEY, I., TEZEL, O., OSER, C., SARGIN, S., BEKIN, E.	LIQUEFACT PROJECT STUDIES IN CANAKKALE PILOT SITE	9th Congress of Balkan Geophysical Society, Antalya, TURKEY, 5-9 November 2017	10.5281/zenodo.3465287	https://doi.org/10.5281/zenodo.3465287
8	OZCEP, F., OZTOPRAK, S., AYSAL, N., BOZBEY, I., TEZEL, O., OSER, C., SARGIN, S., BEKIN, E., ALMASRAF, M., CINKU, M. C., OZDEMİR, K.	GROUND CHARACTERIZATION STUDIES IN CANAKKALE PILOT SITE OF LIQUEFACT PROJECT	Agu Fall Meeting, New Orleans, USA, 11-15 December 2017	10.5281/zenodo.3465418	https://doi.org/10.5281/zenodo.3465418

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1	OBLAK A., LOGAR J., KUDER S., VIANA DA FONSECA A.	VULNERABILITY OF TRAFIC EMBANKMENTS TO LIQUEFACTION-INDUCED DEFORMATIONS	27th European Young Geotechnical Engineers Conference, 26-27 September 2019, Mugla, Turkey	10.5281/zenodo.3465201	https://doi.org/10.5281/zenodo.3465201
2	OBLAK A., KUDER S., LOGAR J., VIANA DA FONSECA A.	NUMERICAL ASSESSMENT OF FRAGILITY CURVES FOR EMBANKMENTS ON LIQUEFIABLE GROUND	Proceedings of the XVII ECSMGE 2019, Reykjavik, Iceland, 1-6 September 2019	10.32075/17ECSMGE-2019-0899	https://doi.org/10.32075/17ECSMGE-2019-0899 https://zenodo.org/record/3463431#.XZHocuNLjct
3	SMOLAR J., MAČEK M., PETKOVŠEK A.	LIQUEFACTION POTENTIAL OF SANDS AT THE KRŠKO-BREŽICE FIELD, SLOVENIA	Journal paper: Geologia Croatica, Vol 72, No. 2, 129-135, 2019	10.4154/gc.2019.12	https://doi.org/10.4154/gc.2019.12

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