

### Titles of papers for ICPE 2018

1	IMAMURA (2018) 『Lessons of the 2011 Tohoku earthquake and tsunami with low frequency and high impact and developing numerical modeling for future disaster risk reduction』
2	SHIMADA (2018) 『State-of-the-Art Construction Sites Realized with ICT Construction Machines』
3	ISHIHARA et al. (2018) 『Cambridge-Giken Collaborative Working on Pile-soil Interaction Mechanisms』
4	TODA et al. (2018) 『A Study on Bearing Capacity of Steel Sheet Pile with Closed Section at Bottom Supported in Intermediate Layer by Press-In Method』
5	PANCHAL et al. (2018) 『Centrifuge Modelling of the Influence of Size and Geometry of Hybrid Foundations on Bearing Capacity』
6	DUNG et al. (2018) 『The Countermeasure for Press-in Method on Lengthy SPSPs and the Confirmation of the Bearing Capacity Obtained by Pile Loading Test』
7	NOVELA et al. (2018) 『Centrifuge Modeling of Circular Sallow Foundation Reinforced with a Thin Sleeve』
8	ZHUSSUPBEKOV et al. (2018) 『Application of Static Compression Load Test of Joint Piles in Seaport "Prorva" in the Caspian Sea Coastal Area (Western Kazakhstan)』
9	KAWABATA et al. (2018) 『Bearing Capacity Recovery Rate of Square Steel Tubular Pipe Piles Based on Loading Test Results』
10	DOUBROVSKY et al. (2018) 『Innovative Design and Technology Solutions for Development of Port and Offshore Pressed-in Piled Structures』
11	TIKANTA et al. (2018) 『Experimental Study on Reinforcement of Existing Bridge Pile Foundations Subjected to Lowering of Riverbed Soil Using Sheet Pile Wall』
12	PURNAMA et al. (2018) 『Effects of Grain Size and Density as Pre Bored Pile Filler Material on Bending Moment Due to Lateral Loading』
13	NAKAGAWA et al. (2018) 『Evaluation of Bearing Capacity of a Small-Diameter Spiral Pile Subjected to Combined Load Using Model Tests』
14	SUZUKI et al. (2018) 『Study on the Horizontal Bearing Performance of Steel Tubular Piles Installed by the Gyropress Method and the Press-in Method Assisted with Water Jetting』
15	KUNASEGARAM et al. (2018) 『Behavior of a Large Diameter Piles Subjected to Moment and Lateral Loads』
16	KUNASEGARAM et al. (2018) 『Stability of Self-Standing High Stiffness-Steel Pipe Sheet Pile Walls Embedded in Soft Rocks』
17	ISHIHAMA et al. (2018) 『Evaluation of Deformation Behavior of Self-Standing Retaining Wall Using Large Diameter Steel Pipe Piles into Hard Ground』
18	SUZUKI et al. (2018) 『Issues for the Reduction of the Embedded Length of Cantilevered Steel Tubular Retaining Wall Pressed into Stiff Ground』
19	MIYANOHARA et al. (2018) 『Overview of the Self-standing and High Stiffness Tubular Pile Walls in Japan』
20	TAKEUCHI et al. (2018) 『Earthquake Behavior of Cylindrical Underground Structure and Verification of Analytical Model』
21	MICHINO et al. (2018) 『Development of High Performance Composite Wall "J-WALL II"』
22	OGAWA et al. (2018) 『A Large-Scale Model Experiment on the Effect of Sheet Pile Wall on Reducing the Damage of Oil Tank Due to Liquefaction』
23	OKABAYASHI et al. (2018) 『Reinforcement of River Embankment against the Nankai Trough Earthquake』
24	TANAKA et al. (2018) 『Evaluation of Effectiveness of PFS Method Using 3D Finite Element Method』
25	HIZEN et al. (2018) 『Centrifuge Model Tests and Image Analyses of a Levee with Partial Floating Sheet-pile Method』
26	NAKAI et al. (2018) 『Seismic Assessment of Steel Sheet Pile Reinforcement Effect on River Embankment Constructed on a Soft Clay Ground』
27	YAMAMOTO et al. (2018) 『Seismic Behavior of the River Embankment Improved with the Steel Sheet Piling Method』
28	YASUHARA et al. (2018) 『Reactive Measure Effects on River Dyke Instability and Adjacent Residences on Soft Clay Deposits after the Tohoku-Pacific Ocean Earthquake of 2011』
29	OKAMURA et al. (2018) 『Reduction in Liquefaction Induced Settlement of River Levee by Enhancing Horizontal Stress with Sheet Piles』
30	ISHIHARA et al. (2018) 『Comparison of Pile-type and Gravity-type Coastal Levees in Terms of Resilience to Tsunami』
31	FUJIWARA et al. (2018) 『3-D Behaviour of Coastal Dyke Installed by Double Sheet-piles with Partition Wall』
32	MADABHUSHI et al. (2018) 『A Comparison between the Dynamic Behaviour of Flexible Dual Row Walls Founded in Dry and Liquefiable Sands』
33	LEE et al. (2018) 『Study on Seismic Countermeasures by Steel Pile Diaphragm Wall in Coastal Levee』
34	HIKICHI et al. (2018) 『Estimation of External Force Acting on Steel Pile of Steel Pile Reinforced Breakwater』
35	DOBRIAN et al. (2018) 『Evaluating the Efficiency of Jacked-in Piles as Tsunami Defences』
36	OKABAYASHI et al. (2018) 『Study on Reinforcement of Fishery Harbor Wharf against the Nankai Trough Earthquake』
37	LIANG et al. (2018) 『A Preliminary Investigation on Scour Mitigation at Bridge Piers Using Combined Riprap and Sacrificial Piles』
38	ITO et al. (2018) 『Drainage Effect for Embankment by Drainpipe Reinforcement』
39	OTANI et al. (2018) 『The Effect of Underground Short Piles with High Rigidity on Shear Stress and Displacement along Ground Failure Surface』
40	YOSHIDA et al. (2018) 『Pull-out Experiments of Flip-Type End Anchors Buried or Pushed in Model Ground of Dry Sand』
41	GILLOW et al. (2018) 『Water Jetting for Sheet Piling』
42	AIZAWA et al. (2018) 『Experimental Study on Influence of Different Pile Installation Methods on Performance of Pile』
43	YAMANUBE et al. (2018) 『Deployable Reinforcement Cage System for Cast-in-place Concrete Piles』
44	MESHCHERIAKOV et al. (2018) 『Piling Technologies in Ukraine: Some Recent Developments』
45	OKADA et al. (2018) 『Case Study on Estimation of Ground Information with the Use of Construction Data in Press-in Method』
46	GALINDO et al. (2018) 『Installation Behavior of Open Ended and Closed Ended Piles with Torque Application』
47	TAENAKA et al. (2018) 『Stress Changes due to Shape Effects in the Construction Process of Pile Walls』
48	KANBE et al. (2018) 『Effect of Pile Diameter on Plugging Phenomenon of Open-ended Piles』
49	KAWAI et al. (2018) 『Things Measured by Cone Penetration Tests other than Material Properties』
50	MORITA et al. (2018) 『Experimental Study on Influence of a Pile Penetration on Deformation of a Buried Pipe in Sand』
51	KOBAYASHI et al. (2018) 『Model Tests with a Transparent Soil to Observe Behavior of Buried Structures due to Neighboring Constructions』
52	DANG et al. (2018) 『Numerical Study: Effects of New Piles' Installation on Adjacent Existing Piles』
53	NAGAI et al. (2018) 『An Investigation of Effect of Distance and Shape of Pile on the Displacement of Gag Pile by 3D FEM Analysis』
54	KITAMURA et al. (2018) 『Construction of Steel Tubular Pile Water Cut-off Wall by the Gyro Press Method and GIKEN Water Tightening System』
55	KITAMURA et al. (2018) 『Cantilevered Road Retaining Wall Constructed of 2,000 mm Diameter Steel Tubular Piles Installed by the Gyro Press Method with the GRB system』
56	MOMONO et al. (2018) 『Press-in with Augering; an Installation of Steel Sheet Piles Connected Longitudinally (Hard Ground Press-in Method)』
57	TSUKANAKA (2018) 『A Case Study by the Gyropress Method in Consideration of Neighboring Residential Areas』
58	SHIBATA (2018) 『A Case Study of Design Change in the Press-in Method』
59	IMANISHI et al. (2018) 『Case Studies: Use of the Gyropress Method in Tubular Pile Earth Retaining Walls for Foundation Works in Urban Area』
60	MATSUZAWA et al. (2018) 『Example of Construction of Sheet Pile Walls for Anti-Seismic Reinforcement of Railway Embankment』
61	MATSUZAWA et al. (2018) 『Example of Construction of Sheet Pile Walls Using the Cyclic Auger Method for Anti-Seismic Reinforcement of Railway Embankment』
62	NOZAKI (2018) 『Recovery of Skin Friction of Cambridge Gault Clay with Time Effect』
63	NOZAKI (2018) 『The Press-in Method with Augering - Augering Area in Relation to Retaining Wall Design-』
64	NOZAKI (2018) 『Retaining Wall Deflection Control in Relation to Augering Area』
65	ZENG et al. (2018) 『Piling Tests and Induced Surface Settlement of Rotating Static Pressure Steel Pipe Pile in Shanghai Soft Soil』
66	SHIBATA et al. (2018) 『Earthquake and Tsunami Disaster Preventive Measures for Sea Embankment at Usa Fishing Port, Kochi Prefecture』
67	ARAI et al. (2018) 『Case Study of Underwater Press-in Method of Steel Sheet Piles under Restricted Headroom beneath a Railroad Bridge』
68	YAMAGUCHI et al. (2018) 『The Press-in Method Assisted with Augering: Case studies of Single U and Double Z Shaped Piles in the United Kingdom』
69	KUROKI et al. (2018) 『Reinforcement of Damaged Bridge Pier by Scouring Using Steel Pipe Piles』
70	KASAHARA et al. (2018) 『Seismic Reinforcement for Foundation Utilizing Sheet Piles and Soil Improvement』
71	CANTALI et al. (2018) 『Design and Installation of a Permanent Sheet Pile basement for the Manly Twenty95 Development』
72	WATANABE et al. (2018) 『In-situ Load Test of Press-in Steel Pipe Pile for Seismic Isolation Retrofit』
73	LEUNG et al. (2018) 『Noise and Vibration Monitoring for Silent Piling in Singapore』
74	DOUBROVSKY (2018) 『Press-in Piling Survey in Ukraine』
75	YUSOFF et al. (2018) 『The Acceptance Level of Silent Piling Technology Among Local Authorities in Malaysia』
76	SHOGAKI et al. (2018) 『Load History of Cedar Foundation Pile in the Mietsu Naval Facility World Heritage』
77	OHSUMI et al. (2018) 『Flash Report on Damage Caused in Mexico City, Mexico, by the 2017 Puebla-Morelos Earthquake』
78	UNO et al. (2018) 『Measuring System of Improved Diameter in High Pressure Injection Mixing Method』
79	HATA et al. (2018) 『Rock Press-fitting Excavation Record by Pipe Drilling Method』
80	TANAKA et al. (2018) 『Investigation of Efficiency and Labor Saving by Utilizing ICT in Ground Improvement Work』
81	NAKANIWA et al. (2018) 『Pile Driving and Drilling Monitoring Survey Technology Using a Total Station』
82	ISHIHARA (2018) 『Use of Press-in Piling Data for Automatic Operation of Press-in Machines and Estimation of Subsurface Information』
83	SUDA et al. (2018) 『Introduction of Video-CIM System to Pile Driving Construction at the Ex-tremely Weak Ground』

Note: No.1 and No. 2 are the abstracts for the invited lectures. No. 3 is the abstract for the state-of-the-Art Report.