

Publications:**Journal papers**

- 1) Nishida, Y., Ohta, H., Matsumoto, T., Kurihara, K.: Bearing capacity due to plugged soil in open-ended pipe pile, Jour. of Geotechnical Engineering, Japan Society of Civil Engineers, No. 364/III-4, pp.219-227, 1985.12 (in Japanese).
- 2) Nishida, Y., Sekiguchi, H., Matsumoto, T.: Stress Wave Monitoring for a Friction Pile During Driving : A New Analysis Procedure, Soils and Foundations, JSSMFE, Vol.26, No.4, 89-104, 1986.12
- 3) Matsumoto, T., Takei, M.: Effects of Soil Plug on Behaviour of Driven Pipe Piles, Soils and Foundations, JSSMFE, Vol.31, No.2, 14-34, 1991. 6
- 4) Matsumoto, T., Sekiguchi, H., Yoshida, H., Kita, K.: Significance of Two-Point Strain Measurements in SPT, Soil and Foundations, JSSMFE, Vol.32, No.2, 67-82, 1992.6
- 5) Matsumoto, T., Michi, Y., Hirano, T.: Field load tests of open-ended steel pipe piles driven in a diatomaceous mudstone, Jour. of Geotechnical Engineering, Japan Society of Civil Engineers, No.511/III-30, 35-45, 1995.3 (in Japanese).
- 6) Matsumoto, T., Michi, Y., Hirano, T.: Performance of axially loaded steel pipe piles driven in soft rock, Jour. of Geotech. Eng., ASCE, Vol.121, No.4, 305-315, 1995.4
- 7) Matsumoto, T., Middendorp, P., Bermingham, P., Tsuzuki, M.: Rapid load test of a steel pipe pile driven in diatomaceous mudstone, Jour. of Geotechnical Engineering, Japan Society of Civil Engineers, No.517/III-31, 13 - 24, 1995.6 (in Japanese).
- 8) Hayashi, T., Matsumoto, T., Yamada, K.: Statnamic load test on a long augered PHC pile constructed in gravel ground, Jour. of Architectural Institute of Japan, No.479号, pp.51-56, 1996.1 (in Japanese).
- 9) Kato, K., Kusakabe, O., Matsumoto, T.: Characteristics of rapid load tests observed in actual piles, Jour. of Geotechnical Engineering, Japan Society of Civil Engineers, No.589/III-42, 155-166, 1998.3 (in Japanese).
- 10) Jardine, R.J., Chow, F.C., Matsumoto, T., Lehane, B.M.: A new design procedure for driven piles and application to two Japanese clays, Soil and Foundations, JGS, Vol.38, No.1, 207 - 219, 1998.3
- 11) Matsumoto, T., Hayashi, M., Michi, Y., Takesue, K., Futatsuka, Y.: Construction of driven steel pipe piles in a diatomaceous mudstone and prediction of load-settlement relations based on stress-wave theory, Jour. of Geotechnical Engineering, Japan Society of Civil Engineers, No.610/III-45, 1 - 18, 1998.12 (in Japanese).
- 12) Kato, K., Horikoshi, K., Matsumoto, T., Kusakabe, O.: Interpretation methods of Statnamic pile load test results, Jour. of Geotechnical Engineering, Japan Society of Civil Engineers, No.624/III-47, 267 - 282, 1999.6 (in Japanese).
- 13) Imada, K., Matsumoto, T., Nakata, Y.: Influence of soil resistance on results of integrity testing of model piles, Jour. of Geotechnical Engineering, Japan Society of Civil Engineers, No.652/III-51, 91-102, 2000.6 (in Japanese).
- 14) Imada, K., Matsumoto, T., Nakamura, S.: Estimation of pile head stiffness using analytical results of sonic integrity testing, Jour. of Japanese Geotechnical Society, Vo.41, No.2, 123 - 132, 2001.4 (in Japanese).
- 15) Wang, F.W., Katsuro, H., Matsumoto, T.: Applicability of Sarma method , M-P method and Janbu method in stability analysis of slopes, Journal of landslides, Vol.38, No.3, 101 - 107, 2001 (in Japanese).

- 16) Wang, F.W., Matsumoto, T., Maegawa, K.: Model of rapid landslide motion and distress area prediction, J. of Engineering Geology, Vol.10, 267 - 272, 2002.10
- 17) Matsumoto, T., Hashizume, Y., Fukumura, K., Pastsakorn, K., Horikoshi, K.: Preliminary study on behavior of model pile foundations in sand using shaking table, J. of Engineering Geology, Vol.10, 502 - 508, 2002.10
- 18) Pastsakorn, K., Matsumoto, T.: Recent development in simplified deformation analysis program PRAB for piled raft foundations, J. of Engineering Geology, Vol.10, 509 - 515, 2002.10
- 19) Kitiyodom, P., Matsumoto, T.: A simplified analysis method for piled raft and pile group foundations with batter piles, Int. Journal for Numer. and Anal. Methods in Geomech., Vol.26, 1349-1369, 2002.11
- 20) Kitiyodom, P., Matsumoto, T., A simplified analysis method for piled raft foundations in non-homogeneous soils, Int. Journal for Numer. and Anal. Methods in Geomech., Vol.27, 85-109, 2003.2
- 21) Horikoshi, K., Matsumoto, T., Hashizume, Y., Watanabe, T., Fukuyama, H.: Performance of piled raft foundations subjected to static vertical loading and horizontal loading, Int. Journal of Physical Modelling in Geotechnics, Vol.3, No.2, pp.37-50, 2003.6
- 22) Horikoshi, K., Matsumoto, T., Hashizume, Y., Watanabe, T.: Performance of piled raft foundations subjected to dynamic loading, Int. Journal of Physical Modelling in Geotechnics, Vol.3, No.2, pp.51-62, 2003.6
- 23) Wang, F. W., Sassa, K., Matsumoto, T., Okuno, T.: Fludiation mechanism of landslide and prediction of movement area considering grain crushing, Jour. of Japan Landslide Society, Vol. 40, No. 5, pp.377-388, 2004.01 (in Japanese).
- 24) Okuno, T., Wang, F.W., Matsumoto, T.: Movement style and influential factors of giant Jinnosuke-dani Inadslide in Hakusan mountain, Jour. of Japan Landslide Society, Vol. 41, No. 11, pp.57-64, 2004 (in Japanese).
- 25) Kitiyodom, P., Matsumoto, T., Kanefusa, N.: Influence of reaction piles on the behaviour of test pile in static load testing, Canadian Geotechnical Jour., Vol.41, No.3, pp. 408-420, 2004.06
- 26) Matsumoto, T., Kitiyodom, P., Matsui, H., Katsuzaki, Y.: Monitoring of load distribution of the piles of a bridge during construction and public use, Soils & Foundations, Vol.44, No.4, pp. 109-118, 2004.08
- 27) Wang, F.W., Zhang, Y.M., Hou, Z.T., Matsumoto, T., Huang, B.L.: The July 14, 2003 Qianjiangping landslide, Three Gorges Reservior, China, Landslides, Vol.2, Vol.2, pp.157-162, 2004
- 28) Matsumoto, T., Fukumura, K., Kitiyodom, P., Oki, A., Horikoshi, K.: Experimental and analytical study on behaviour of model piled rafts in sand subjected to horizontal and moment loading, Int. Journal of Physical Modelling in Geotechnics, Vol. 4, No. 3, pp. 1-19, 2004.9
- 29) Matsumoto, T., Fukumura, K., Oki, A., Horikoshi, K.: Shaking table tests on model piled rafts in sand considering influence of superstructures, Int. Journal of Physical Modelling in Geotechnics, Vol. 4, No. 3, pp. 20-37, 2004.9
- 30) Tanaka, Y., Wang, F.W., Nakamura, K., Matsumoto, T., Characteristics and movement mechanism of a fludized landslide induced by long rain fall at Yamashina in Kanazawa, Jour. of Japan Landslide Society, 2005 (in Japanese).
- 31) Wang, F., Matsumoto, T., Tanaka, Y.: Two recent flowslides in Yamashina area, Kanazawa City, Japan, Landslide, Vol.2, pp. 229-234, 2005.06

- 32) Kitiyodom, P., Matsumoto, T., Kawaguchi, K.: A simplified analysis method for piled raft foundations subjected to ground movements induced by tunnelling, *Int. Journal for Numer. and Anal. Methods in Geomech.*, Vol.29, 1485-1507, 2005.12
- 33) Sonoda, R., Matsumoto, T., Kitiyodom, P.: Comparative analysis of pile foundations in an elastic ground subjected to sinusoidal input accelerations, *J. Struct. Constr. Eng., AIJ*, No. 615, pp. 127-135, 2007.5
- 34) Wang, F.W., Okuno, T., Matsumoto T.: Deformation characteristics and influential factors for the giant Jinnosuke-dani landslide in the Haku-san Mountain area, Japan. *Landslide J. of the International Consortium on Landslides*, Vol. 4, No. 1, pp.19-31, 2007
- 35) Tomisawa, K., Miura, S., Matsumoto, T., Kitiyodom, P., Kojima, E. and Kumagai, H.: Evaluation of subgrade reaction of steel-pipe piles using a dynamic horizontal loading test system, *Jour. of Applied Mechanics, JSCE*, Vol. 10, pp. 1055-1062, 2007.8
- 36) Sonoda, R., Matsumoto, T., Kitiyodom, P., Moritaka, H., Ono, T.: A case study of piled raft foundation using reverse construction method and its post-analysis, *Canadian Geotechnical Journal*, Vol.46, pp.142-159, 2009.02
- 37) Takada, T., Seki, H., Matsumoto, T., Fujii, M. Matsushita, K., Sato, T.: On evaluation methods for ground for residences by means of piezocone penetration test, *Japanese Geotechnical Journal, Japanese Geotechnical Society*, Vol. 4, No. 2, pp. 157-170, 2009.06.29 (in Japanese)
- 38) Matsumoto, T., Nemoto, H. Mikami, H., Yaegashi, K., Arai, T., Kitiyodom, P.: Load tests of piled raft models with different pile head connection conditions and their analyses, *Soils & Foundations*, Vol. 50, No.1, pp. 63-81, 2010.02.
- 39) Kojima, E., Kumagai, H., Tomisawa, K., Matsumoto, T. : Estimate of the static horizontal load versus horizontal displacement on steel pipe piles by dynamic horizontal load tests, *Japanese Geotechnical Journal*, Vol. 5, No. 4, pp.555-568, 2010 (in Japanese).
- 40) Takada, T., Seki, H., Matsumoto, T, Fujii, M., Okano T., Imai, K.: Confirmation tests of effects for soil improvements for residential ground, *Journal of Tech. Des., Architectural Institute of Japan*, No. 33, pp. 481 - 488, 2010.6 (in Japanese).
- 41) Kitiyodom, P., Matsumoto, T., Sonoda, R.: Approximate numerical analyses of a large piled raft foundation, *Soils and Foundations*, Vol. 51, No. 1, 2011.2.
- 42) Matsuzawa, K., Matsumoto, T.: Extended use of Spring Hammer rapid load testing, *Geotechnical Engineering Journal of the SEAGS & AGSSEA*, Vol. 42, No. 2, pp.29-42, 2011.06.
- 43) Thongmune, S., Kobayashi, S., Matsumoto, T.: Push-up load tests of uncrushable soil plugs in a pipe pile and its DEM analyses, *Geotechnical Engineering Journal of the SEAGS & AGSSEA*, Vol. 42, No. 2, pp.43-55, 2011.6.
- 44) Thongmune, S., Matsumoto, T., Kobayashi, S.: Push-up load tests sand soil plugs in a steel pipe pile and its DEM analyses, *Soils and Foundations*, Vol. 51, No. 5, pp. 959-974, 2011.2.
- 45) Phan T. L., Matsumoto, T., Hoang, H. N.: Comparison of Static and Dynamic Pile Load Tests at Thi Vai International Port in Viet Nam, *Int. Jour. of Geoengineering Case Histories, ISSMGE*, Vol. 3, Issue 1, pp. 36-66, 2013.8.26

Conference Proceedings

- 1) Nishida, Y., Yokoyama, K., Sekiguchi, H., Matsumoto, T.: Mechanics Base of Standard Penetration Test Values and its Application to Bearing Capacity Prediction, Proc. 2nd Europ. Symp. on Penetration Testing, Amsterdam, The Netherlands, Vol.1, 119-124, 1982. 5.
- 2) Nishida, Y., Sekiguchi, H., Matsumoto, T.: Influence of the Shaft Resistance on the Stress-Wave Measurements in a Model Pile, Proc. 2nd Int. Conf. Appl. of Stress-Wave Theory to Piles, Stockholm, Sweden, Vol.1, 229-235, 1984. 5.
- 3) Nishida, Y., Sekiguchi, H., Matsumoto, T., Fujino, T.: Characterization of Skin Friction at the Pile-Soil Interface by Inverse Analysis of Stress Waves, Proc. 5th Int. Conf. Num. Methods in Geomech., Nagoya, Japan, Vol.2, 773-780, 1985. 5.
- 4) Sekiguchi, H., Nishida, Y., Matsumoto, T., Uesawa, M.: Characterization of a Diatomaceous Mudstone by Elasto-Viscoplasticity, Proc. 5th Int. Conf. Num. Methods in Geomech., Nagoya, Japan, Vol.1, 437-444, 1985. 5.
- 5) Nishida, Y., Sekiguchi, H., Matsumoto, T., Hosokawa, S., Hirose, T.: Drivability of Steel Pipe Piles into Diatomaceous Mudstone in the Construction of Notojima Bridge, Proc. Int. Symp. Penetrability and Drivability of Piles, San Francisco, USA, Vol.1, 187-190, 1985. 8.
- 6) Matsumoto, T., Nishida, Y., Ohta, H., Kawakami, K.: Analysis of Stress Waves in a Pile Based on Two-Point Stress Measurements, Proc. 3rd Int. Conf. on Appl. of Stress-Wave Theory to Piles, Ottawa, Canada, 318-336, 1988. 5.
- 7) Shibata, T., Sekiguchi, H., Matsumoto, T., Kita, K., Motoyama, S.: Pile Drivability Assessment by Waveform Analysis, Proc. 12th Int. Conf. Soil Mech. and Found. Eng., Rio de Janeiro, Brazil, Vol.2, 1105-1108, 1989. 8.
- 8) Matsumoto, T., Takei, M.: Lateral Movements of a Steel Pipe Pile During Driving, Proc. for the Discussion Session "Drivability of Piles", 12th ICSMFE, Rio de Janeiro, Brazil, Vol.1, 71-74, 1989. 8.
- 9) Kusakabe, O., Matsumoto, T., Sandanbata, I., Kawabata, N., Kosuge, S., Nishimura, S.: Prediction of Bearing Capacity and Drivability of Piles - Summary Report of the Questionnaire Survey of Drivability of Piles -, Proc. 12th Int. Conf. Soil Mech. and Found. Eng., Rio de Janeiro, Brazil, Vol.4, 1989. 8.
- 10) Matsumoto, T., Yoshida, H., Kiya, S., Yoshioka, S.: Static and Dynamic Loading Tests of Instrumented Model Piles in a Diatomaceous Mudstone, Proc. PILETALK Int. 90, Jakarta, Indonesia, 73-80, 1990. 6.
- 11) Matsumoto, T., Takei, M.: Analyses of an Offshore Driven Pipe Pile - A Case History -, Proc. Int. Conf. Deep Foundation Practice, Singapore, 153-160, 1990. 10.
- 12) Matsumoto, T., Sekiguchi, H., Yoshida, H., Kita, K.: Dynamics of SPT : Application of the method of two-point strain measurements, Proc. 7th Int. Conf. CMAG, Brisbane, Australia, Vol.2, 261-266, 1991. 5.
- 13) Matsumoto, T., Sekiguchi, H., Shibata, T., Fuse, Y.: Performance of steel pipe piles driven in Pleistocene clays, Proc. 4th Int. Conf. Appl. Stress-Wave Theory to Piles, The Hague, The Netherlands, 293-298, 1992. 9.
- 14) Matsumoto, T., Michi, Y., Hirano, T., Futakuchi, T.: Field measurement of pore pressures around driven pipe piles, Proc. Int. Conf. Deep Foundation Practice incorporating PILETALK INT.'92, Singapore, 155-162, 1992. 11.

- 15) Matsumoto, T., Kusakabe, O., Suzuki, O., Shogaki, T.: Soil parameter selection for a serviceability limit design of a pile foundation in a soft rock, Proc. Int. Symp. Limit State Design in Geotech. Engrg., Danish Geotech. Inst., Copenhagen, Denmark, Vol.1/3, 141-151, 1993.5.
- 16) Matsumoto, T., Tsuzuki, M., Michi, Y.: Comparative study of static loading test and statnamic on a steel pipe pile driven in a soft rock, Proc. 5th Int. conf. and Exhibition on Piling and Deep Foundations, Bruges, Belgium, 5.3.1 - 5.3.7, 1994.6.13-15.
- 17) Hayashi, M., Okamoto, T., Kanai, F., Matsumoto, T.: Predictions of load-settlement relations of steel pipe piles from dynamic load testing Proc. 5th Int. Conf. and Exhibition on Piling and Deep Foundations, Bruges, Belgium, 3.9.1 - 3.9.7, 1994.6.13-15.
- 18) Matsumoto, T.: Load tests and design of steel pipe piles in a soft rock, Proc. Conf. Deep Foundations and Ground Improvement Schemes, Bangkok, Thailand, Vo.1, 123-156, 1994.11.21-24.
- 19) Matsumoto, T., Tsuzuki, M., Michi, Y.: Statnamic tests on steel pipe piles driven in a soft rock, Proc. Int. Conf. Design and Construction of Deep Foundations, Orlando, USA, Vol.2, 586-600, 1994.12.6-8.
- 20) Michi, Y., Tsuzuki, M., Matsumoto, T.: Design parameters for steel pipe piles driven in a soft rock, Proc. Int. Conf. Design and Construction of Deep Foundations, Orlando, USA, Vol.2, 774-788, 1994.12.6-8.
- 21) Matsumoto, T., Michi, Y.: Pore pressure phenomena around a driven steel pipe pile, Proc. Int. Symp. on Compression and Consolidation of Clayey Soils - IS-Hiroshima '95, Vol. 1, 701 - 708, 1995.5.10-12.
- 22) Nishimura, S., Mastumoto, T.: Wave propagation analysis during Statnamic loading of a steel pipe pile, Proc. 1st Int. Statnamic Seminar, Vancouver, Canada, 23-33, 1995.10.27-30.
- 23) Hayashi, T., Matsumoto, T., Yamada, K., Asai, Y.: A Statnamic test case with high accelerations, Proc. 1st Int. Statnamic Seminar, Vancouver, Canada, 105-112, 1995.10.27-30.
- 24) Kusakabe, O., Matsumoto, T.: Statnamic tests of Shonan test program with review of signal interpretation, Proc. 1st Int. Statnamic Seminar, Vancouver, Canada, 113-122, 1995.10.27-30.
- 25) Takei, M., Matsumoto, T., Tsuzuki, M.: Verification of the prediction analysis on a steel pipe pile in a soft rock during Statnamic loading, Proc. 1st Int. Statnamic Seminar, Vancouver, Canada, 181-197, 1995.10.27-30.
- 26) Michi, Y., Matsumoto, T.: Use of cone penetration testing to elucidate bearing mechanisms of steel pipe piles, Proc. Int. Symp. on Cone Penetration Testing, Linköping, Sweden, 535-542, 1995.11.4-5.
- 27) Michi, Y., Matsumoto, T., Futatsuka, Y.: Reliability of dynamic load testing compared with soil parameters: A case study on foundation piles of Noetsu bridge, Proc. 5th Int. Conf. on Application of Stress-Wave Theory to Piles,,Orlando, USA, 465 - 479, 1996. 9.11-13.
- 28) Hayashi, M., Matsumoto, T., Futatsuka, Y.: Use of dynamic load testing in the design and construction control of foundation piles of Noetsu bridge Proc. 5th Int. Conf. on Application of Stress-Wave Theory to Piles, Orlando, USA, 544 - 559, 1996. 9.11-13.
- 29) Ochiai, H., Kusakabe, O., Sumi, K., Matsumoto, T., Nishimura, S.: Statnamic tests on offshore steel pipe piles for foundations of access bridge for New Kita-Kyushu airport island, Proc. 5th Int. Conf. on Application of Stress-Wave Theory to Piles, Orlando, USA, 997 - 1014, 1996. 9.11-13.
- 30) Matsumoto, T., Nishimura, S.: Wave propagation phenomena in Statnamic test of a steel pipe pile, Proc. 5th Int. Conf. on Application of Stress-Wave Theory to Piles, Orlando, USA, 1015 - 1030, 1996. 9.11-13.

- 31) Ochiai, H., Kusakabe, O., Sumi, K., Matsumoto, T., Nishimura, S.: Dynamic and Statnamic load tests on offshore steel pipe piles with regard to failure mechanisms of pile-soil interfaces at external and internal shafts, Proc. Int. Conf. on Foundation Failures, Singapore, 327 - 338, 1997.5.12-13.
- 32) Yamada, H., Matsumoto, T., Ito, H.: Model load tests of piled raft foundations with regard to ground failure mechanisms, Proc. Int. Conf. on Foundation Failures, Singapore, 453 - 460, 1997.5.12-13.
- 33) Matsumoto, T.: Different methods of vertical pile load tests and applications, Proc. Seminar on Pile Testing and Performance, Johor Bahru, Malaysia, 1-1 to 1-19, 1997.5.15.
- 34) Yamada, H., Matsumoto, T.: Model load tests of piled raft foundations in sand, Proc. Seminar on Pile Testing and Performance, , Johor Bahru, Malaysia, 4-1 to 4-9, 1997.5.15.
- 35) Matsumoto, T., Michi, Y., Hayashi, M.: Reliability of dynamic load testing on steel pipe piles in soft rock, Proc. 14th ICSMFE, Hamburg, Germany, Vol.2, 1185 - 1188, 1997.9.6-12.
- 36) Asai, Y., Matsumoto, T., Hayashi, T., Futatsuka, Y.: Behavior of cast-in-situ concrete pile during Statnamic load test with excessive loading Proc. Regional Conf. in Geotech. Eng., *GEOTROPIKA '97*, Johor Bahru, Malaysia, 383 - 394, 1997.11.11-12.
- 37) Matsumoto, T., Takesue, K., Sasao, H., Igarashi, T.: Direct shear tests between diatomaceous mudstone and friction sleeve materials with different surface roughness, Proc. 1st Int. Conf. on Site Characterization, ISC '98, Atlanta, Georgia, USA, 1105 - 1111, 1998.4.19-22.
- 38) Takesue, K., Matsumoto, T., Sasao, H.: Correlation between ultimate pile skin friction and CPT data, Proc. 1st Int. Conf. on Site Characterization, ISC '98, Atlanta, Georgia, USA, 1177 - 1182, 1998.4.19-22.
- 39) Asai, Y., Matsumoto, T., Hayashi, T.: Two successive Statnamic tests on a cast-in-situ concrete pile, STATNAMIC Loading Test (Kusakabe, Kuwabara & Matsumoto Ed.), Proc. 2nd Int. Statnamic Seminar, Tokyo, Japan, 159 - 168, 1998.10.28-30.
- 40) Kato, K., Horikoshi, K., Matsumoto, T.: Analyses of STATNAMIC load tests by using a new single mass model, STATNAMIC Loading Test (Kusakabe, Kuwabara & Matsumoto Ed.), Proc. 2nd Int. Statnamic Seminar, Tokyo, Japan, 273 - 278, 1998.10.28-30.
- 41) Matsumoto, T.: A FEM analysis of s STATNAMIC test on open-ended steel pipe piles, STATNAMIC Loading Test (Kusakabe, Kuwabara & Matsumoto Ed.), Proc. 2nd Int. Statnamic Seminar, Tokyo, Japan, 287 - 294, 1998.10.28-30.
- 42) Horikoshi, K., Kato, K., Matsumoto, T.: Finite element analyses of Statnamic loading test of pile, STATNAMIC Loading Test (Kusakabe, Kuwabara & Matsumoto Ed.), Proc. 2nd Int. Statnamic Seminar, Tokyo, Japan, 295 - 302, 1998.10.28-30.
- 43) Hayashi, M., Matsumoto, T., Asai, Y., Kato, K.: Sensitivity of soil parameters in wave matching analysis of Statnamic test, STATNAMIC Loading Test (Kusakabe, Kuwabara & Matsumoto Ed.), Proc. 2nd Int. Statnamic Seminar, Tokyo, Japan, 321 - 326, 1998.10.28-30.
- 44) Matsumoto, T.: Use of various methods of vertical pile load tests in Japan, Proc. 7th Pakistan National Conf. on Geotechnical Aspects in Site Selection, Lahore, Pakistan, 65 - 84, 1998.11.26
- 45) Matsumoto, T., Kato, K., Nishimura, S.: Practice of dynamic and Statnamic pile load tests in Japan, Proc. 4th Int. Conf. on Deep Foundation Practice incorporating PILETALK '99, 39 - 55, 1999.7.29-30.
- 46) Matsumoto, T., Asai, Y., Hayashi, T.: Comparative study of one-dimensional stress-wave analysis and FEM analysis of Statnamic load test on cast-in-situ concrete pile, Proc. 11th Asian Regional Conf. on Soil Mech. and Geotechnical Eng., Seoul, Korea, 265 - 268, 1999.8.16-20.

- 47) Imada, K., Nakata, Y., Matsumoto, T.: Estimation of pile head stiffness using sonic integrity testing, Proc. 6th Int. Conf. on the Application of Stress-Wave Theory to Piles, São Paulo, Brazil, 179 - 186, 2000.9.11-13.
- 48) Michi, Y., Matsumoto, T., Matsuda, Y.: Integrity testing of cast-in-situ concrete piles associated with the construction of New Haccho Bridge, Proc. 6th Int. Conf. on the Application of Stress-Wave Theory to Piles, São Paulo, Brazil, 187 - 192, 2000.9.11-13.
- 49) Matsumoto, T., Fujita, K., Kusakabe, O., Okahara, M., Kawabata, N., Nishimura, S.: Dynamic load testing and Statnamic load testing for acceptance and design of driven piles in Japan, Proc. 6th Int. Conf. on the Application of Stress-Wave Theory to Piles, São Paulo, Brazil, 335 - 343, 2000.9.11-13.
- 50) Shibata, A., Kawabata, N., Wakiya, Y., Yoshizawa, Y., Hayashi, M., Matsumoto, T.: A comparative study of static, dynamic and Statnamic load tests of steel pipe piles driven in sand Proc. 6th Int. Conf. on the Application of Stress-Wave Theory to Piles, São Paulo, Brazil, 583 - 590, 2000.9.11-13.
- 51) Nishimura, S., Matsumoto, T., Kusakabe, O., Nishiumi, K., Yoshizawa, Y.: Case studies of Statnamic load testing in Japan, Proc. 6th Int. Conf. on the Application of Stress-Wave Theory to Piles, São Paulo, Brazil, 591 - 598, 2000.9.11-13.
- 52) Hayashi, M., Matsumoto, T., Suzuki, M.: Dynamic load testing on 102 steel pipe piles for bridge foundations on mudstone Proc. 6th Int. Conf. on the Application of Stress-Wave Theory to Piles, São Paulo, Brazil, 697 - 705, 2000.9.11-13.
- 53) Wakiya, Y., Nishiumi, K., Hayashi, M., Shibata, A., Nishimura, S., Matsumoto, T.: Case studies of dynamic load testing in Japan, Proc. 6th Int. Conf. on the Application of Stress-Wave Theory to Piles, São Paulo, Brazil, 741 - 749, 2000.9.11-13.
- 54) Pastsakorn, K., Matsumoto, T., Takahara, T., Todo, H.: A simplified analytical method for deformation analysis of piled raft foundations with batter piles, Proc. 5th Int. Conf. on Deep Foundation Practice incorporating Piletalk Int. 2001, 319 - 326, 2001.4.5-6.
- 55) Watanabe, T., Fukuyama, H., Horikoshi, K., Matsumoto, T.: Centrifuge modelling of piled raft foundations subjected to horizontal loads, Proc. 5th Int. Conf. on Deep Foundation Practice incorporating Piletalk Int. 2001, 371 - 378, 2001.4.5-6.
- 56) Wang, F.W., Sassa, K., Okuno, T., Matsumoto, T., Yamakami, T., Kikuno, Y.: Experimental study on mechanism of flowslides induced by seismic loading through shaking table tests, Proc. Int. Symp. on Landslide Risk Mitigation and Protection of Cultural and Natural Heritage, Kyoto, 73 - 84, 2002.1.21-24.
- 57) Wang, F.W., Matsumoto, T., Kikuno, Y., Yamakami, T., Sassa, K., Okuno, T.: Experimental study on mechanism of flowslides induced by rainfall through flume table tests Proc. Int. Symp. on Landslide Risk Mitigation and Protection of Cultural and Natural Heritage, Kyoto, 211 - 219, 2002.1.21-24.
- 58) Horikoshi, K., Matsumoto, T., Fukuyama, H., Watanabe, T.: Performance of piled raft foundations subjected to seismic loads Proc. Int. Workshop on Design codes and Soil Investigation in view of International Harmonization and Performance Based Design, Tokyo, 381 - 389, 2002.4.11-12.
- 59) Pastsakorn, K., Hashizume, Y., Matsumoto, T.: Lateral load tests on model pile groups and piled raft foundations in sand, Proc. Int. Conf. on Physical Modelling in Geotechnics, St. John's, Canada, 709 - 714, 2002.7.10-12.
- 60) Horikoshi, K., Watanabe, T., Fukuyama, H., Matsumoto, T.: Behavior of piled raft foundations subjected to horizontal loads, Proc. Int. Conf. on Physical Modelling in Geotechnics, St. John's, Canada, 715 - 721, 2002.7.10-12.

- 61) Wang, F.W., Matsumoto, T., Sassa, K.: Effects of grain crushing properties on rapid landslide - From experimental study to motion simulation, Proc. Int. Conf. on Fast Slope Movements - Prediction and Prevention for Risk Mitigation (IC FSM 2003), Naples, Italy, 523 - 530, 2003.5.11-13.
- 62) Fukumura, K., Matsumoto, T., Ohno, A., Hashizume, Y.: Experimental study on behavior of piled raft foundations in sand using shaking table at 1-g gravitational field, Proc. BGA Int. Conf. on Foundations: Innovations, observations, design and practice, Dundee, Scotland, pp.307-320, 2003.9.2-5.
- 63) Kitiyodom, P., Matsumoto, T., Kanefusa, N.: Effects of reaction piles in static axial pile load tests, Proc. BGA Int. Conf. on Foundations: Innovations, observations, design and practice, Dundee, Scotland, pp.453-461, 2003.9.2-5.
- 64) Matsumoto, T., Wang, W.F., Kitiyodom, P.: Comparative analysis of static load testing and rapid load testing, Proc. BGA Int. Conf. on Foundations: Innovations, observations, design and practice, Dundee, Scotland, pp. 613-624, 2003.9.2-5.
- 65) Kitiyodom, P., Matsumoto, T., Matsui, H.: STATNAMIC load testing on a bored pile for a bridge foundation and monitoring of load distribution of the piles during construction of the bridge, Proc. 6th Int. Symp. on Field Measurements in GeoMechanics, Oslo, Norway, pp. 179-187, 2003.9.15-18.
- 66) Kitiyodom, P., Matsumoto, T.: Extension of a computer program PRAB for deformation analysis of piled rafts subjected to ground movements, Proc. the China-Japan Geotechnical Symposium, Beijing, P. R. China, pp.74-79, 2003.10.29-30.
- 67) Okuno, T., Wang, F.W., Matsumoto, T.: The deforming characters of the giant Jinnosuke-dani landslide in Haku-san mountainous area, Japan, 4th Int. Symp. on Landslides, Rio de Janeiro, 2004.6.28-7.2.
- 68) Matsumoto, T., Kitiyodom, P., Wakisaka, T., Nishimura, S.: Research on plugging of open-ended steel pipe piles and practice in Japan, Proc. 7th Int. Conf. on the Appl. of Stress-Wave Theory to Piles, Selangor, Malaysia, pp. 133-152, 2004.08.08-10.
- 69) Ishihara, S., Matsumoto, T., Kawano, H.: Instrumented SPT in a model sand ground: Driving, compression and tension tests, Proc. 7th Int. Conf. on the Appl. of Stress-Wave Theory to Piles, Selangor, Malaysia, pp. 313-319, 2004.08.08-10.
- 70) Michi, Y., Matsumoto, T., Ishihara, S., Shirai, N.: Application of dynamic portable cone penetration tests to quality control of improved soil, Proc. 7th Int. Conf. on the Appl. of Stress-Wave Theory to Piles, Selangor, Malaysia, pp. 333-340, 2004.08.08-10.
- 71) Wakisaka, T., Matsumoto, T., Kojima, E., Kuwayama, S.: Development of a new computer program for dynamic and static pile load tests, Proc. 7th Int. Conf. on the Appl. of Stress-Wave Theory to Piles, Selangor, Malaysia, pp. 341-350, 2004.08.08-10.
- 72) Matsumoto, T., Wakisaka, T., Wang, F.W., Takeda, K., Yabuuchi, N.: Development of a rapid pile load test method using a falling mass attached with spring and damper, Proc. 7th Int. Conf. on the Appl. of Stress-Wave Theory to Piles, Selangor, Malaysia, pp. 351-358, 2004.08.08-10.
- 73) Kitiyodom, P., Matsumoto, T., Hayashi, M., Kawabata, N., Hashimoto, O., Ohtsuki, M., Noji, M.: Experiment on soil plugging of driven open-ended steel pipe piles in sand and its analysis, Proc. 7th Int. Conf. on the Appl. of Stress-Wave Theory to Piles, Selangor, Malaysia, pp. 447-458, 2004.08.08-10.
- 74) Kitiyodom, P., Matsumoto, T., Kawaguchi, K.: Analysis of piled raft foundation subjected to ground movement induced by tunnel, Proc. 15th SEAGC, Bangkok, pp.183-188, 2004.11.22-26.

- 75) Fukumura, K., Matsumoto, T., Oki, A.: Influence of pile head connection condition on behavior of model piled raft foundations in sand: Shaking table tests at 1-g gravitational field, Proc. 15th SEAGC, Bangkok, pp.265-270, 2004.11.22-26.
- 76) Tanaka, Y., Wang, F.W., Nakamura, K., Matsumoto, T.: Sliding mechanism of the Yamashina flowslide triggered by continual rainfall in Kanazawa City, Japan, Proc. 15th SEAGC, Bangkok, pp.331-336, 2004.11.22-26.
- 77) Wang, F.W., Okuno, T., Matsumoto, T.: Deformation style and influential factors of the giant Jinnosuke-dani landslide, Japan, Proc. 15th SEAGC, Bangkok, pp.399-404, 2004.11.22-26.
- 78) Wang, F.W., Nakamura, K., Matsumoto, T., Tanaka, Y.: Fluidization and motion mechanisms of the Tsukidate flowslide triggered by Sanriku-minami earthquake in 2003, Japan, Proc. 15th SEAGC, Bangkok, pp.899-904, 2004.11.22-26.
- 79) Kitiyodom, P., Matsumoto, T., Kawaguchi, K.: Analyses of pile foundations subjected to ground movements induced by tunnelling, 5th Int. Symp. on Geotechnical Aspects of Underground Construction, Amsterdam, pp. 551-557, 2005.06.15-17.
- 80) Matsumoto, T., Kitiyodom, P., Kawaguchi, K.: Three-dimensional analyses of piled raft foundations subjected to ground movements induced by tunnelling, 5th Int. Symp. on Geotechnical Aspects of Underground Construction, Amsterdam, pp. 601-607, 2005.06.15-17.
- 81) Kitiyodom, P., Matsumoto, T., Horikoshi, K., Watanabe, T.: Analyses of Vertical and Horizontal Load Tests on Piled Raft Models in Dry Sand, Proc. 16th ICSMFE, Osaka, pp. 2005-2008, 2005.09.12-16.
- 82) Matsumoto, T., Fukumura, K., Oki, A.: Influence of Superstructure on Behaviour of Model Piled Rafts in Sand under Seismic Loading, Proc. 16th ICSMFE, Osaka, pp. 2017-2021, 2005.09.12-16.
- 83) Matsumoto, T., Kitiyodom, P.: Case study on soil plugging of open-ended steel pipe piles in Tokyo Bay, Proc. Int. Symp. on Frontiers in Offshore Geotech., Perth, Australia, pp. 791-797, 2005.09.19-21.
- 84) Matsumoto, T., Wakisaka, T., Numata, A.: One dimensional wave propagation analysis of an open-ended pipe pile with consideration of the excess pore pressure in soil plug, Proc. Int. Symp. on Frontiers in Offshore Geotech., Perth, Australia, pp. 829-836, 2005.09.19-21.
- 85) Kitiyodom, P., Sonoda, R., Matsumoto, T.: Simplified analysis of single pile subjected to dynamic active and passive loadings, Proc. Int. Symp. on Frontiers in Offshore Geotech., Perth, Australia, pp. 837-843, 2005.09.19-21.
- 86) Sonoda, R., Kitiyodom, P., Matsumoto, T.: Simplified dynamic analysis of pile group subjected to horizontal loading, Proc. Int. Symp. on Frontiers in Offshore Geotech., Perth, Australia, pp.845-851, 2005.09.19-21.
- 87) Kawano, H., Matsumoto, T., Kitiyodom, P.: DEM simulation of soil plugging of open-ended pipe piles in dry sand, Proc. the 2nd Sino-Japan Symposium on Geotechnical Engineering, Shanghai, China, pp. 491-496, 2005.10.15-16.
- 88) Matsumoto, T., Kitiyodom, P., Kojima, E., Kumagai, H., Nishimoto, S., Tomisawa, K.: Analysis of pile driving in vertical and horizontal directions using a hybrid model, Proc. the 2nd Sino-Japan Symposium on Geotechnical Engineering, Shanghai, China, pp. 503-510, 2005.10.15-16.
- 89) Kitiyodom, P., Sonoda, R., Matsumoto, T.: Simplified dynamic analysis of piled raft foundation subjected to earthquake load, Proc. the 2nd Sino-Japan Symposium on Geotechnical Engineering, Shanghai, China, pp. 568-573, 2005.10.15-16.

- 90) Kitiyodom, P., Matsumoto, T., Kojima, E., Kumagai, H., Tomisawa, K.: Analysis of static and dynamic horizontal load tests on steel pipe piles, Proc. 10th International Conference on Piling and Deep Foundations, Amsterdam, The Netherlands, pp. 690-699, 2006.5.31-6.2.
- 91) Kojima, E., Tomisawa, K., Matsumoto, T., Kitiyodom, P., Kumagai, H.: Dynamic horizontal load tests on steel pipe piles having different sizes in the same construction site and their analyses, Proc. 10th International Conference on Piling and Deep Foundations, Amsterdam, The Netherlands, pp. 700-708, 2006.5.31-6.2.
- 92) Matsumoto, T., Tamura, M., Matsuzawa, K., Kubo, Y.: Variation of load settlement relations of 25 steel pipe piles constructed in a site from rapid pile load testing, Proc. 10th International Conference on Piling and Deep Foundations, Amsterdam, The Netherlands, pp. 727-736, 2006.5.31-6.2.
- 93) Matsuzawa, K., Sakihama, H., Nemoto, H., Matsumoto, T.: Size and loading rate effects observed in plate load tests on a loam ground, Proc. 10th International Conference on Piling and Deep Foundations, Amsterdam, The Netherlands, pp. 737-746, 2006.5.31-6.2.
- 94) Tomisawa, K., Nishimoto, S., Fukushima, H., Saitoh, A., Kojima, E., Matsumoto, T.: Static alternative cyclic horizontal load test on a driven steel pipe pile in the foundation for a highway bridge, Proc. 10th International Conference on Piling and Deep Foundations, Amsterdam, The Netherlands, pp. 782-789, 2006.5.31-6.2.
- 95) Nemoto, H., Yaegashi, K., Takeuchi, Y., Nishimura, N., Matsumoto, T., Kitiyodom, P.: Vertical load tests of model piled rafts with different pile head connection conditions, Proc. the 2nd Int. Conf. on Physical Modelling in Geotechnics, Hong Kong, pp. 853-859, 2006.08.4-6.
- 96) Mikami, H., Sakihama, H., Horii, H., Arai, T., Matsumoto, T., Kitiyodom, P.: Horizontal load tests of model piled rafts with different pile head connection conditions, Proc. the 2nd Int. Conf. on Physical Modelling in Geotechnics, Hong Kong, pp. 937-943, 2006.08.4-6.
- 97) Yaegashi, K., Kitiyodom, P., Fujita, M., Arai, T., Hasei, H., Matsumoto, T.: Analyses of vertical and horizontal load tests of model piled rafts in sand using a hybrid model, Proc. the 2nd Int. Conf. on Physical Modelling in Geotechnics, Hong Kong, pp.1579-1585, 2006.08.4-6.
- 98) Matsumoto, T., Oki, A., Kitiyodom, P., Tachibana, T.: Influence of flexibility of superstructure on the behaviour of piled rafts on dry sand during shaking table test, Proc. the 2nd Int. Conf. on Physical Modelling in Geotechnics, Hong Kong, pp. 1021-1027, 2006.08.4-6
- 99) Shintani, T., Matsumoto, T., Kitiyodom, P., Kawano, H., Haneda, K.: Parametric study on push-up loading of sand plug in open-ended pipe pile using DEM, Proc. International Symposium on Geomechanics and Geotechnics of Particulate Media (IS Yamaguchi 06), pp. 253-259, 2006.09.12-14
- 100) Matsumoto, T., Kitiyodom, P., Shintani, T.: Trend of research and practice of pile foundations in Japan, Proc. Int. Workshop on Recent Advances of Deep Foundations, IWDPF 07, Yokosuka, pp. 143-173, 2007.02.01-02
- 101) Kitiyodom, P., Matsumoto, T., Tomisawa, K., Kojima, E., Kumagai, H.: Dynamic and static horizontal load tests on steel pipe piles and their analyses Proc. Int. Workshop on Recent Advances of Deep Foundations, IWDPF 07, Yokosuka, pp. 225-229, 2007.02.01-02
- 102) Sonoda, R., Matsumoto, T., Kitiyodom, P.: An approximate estimation of dynamic influence factor in elastic semi-infinite ground, Proc. 4th Int. Conf. on Earthquake Geotech. Engineering, CD-ROM, pp. 12, 2007.06.25-28

- 103) Kitiyodom, P., Matsumoto, T.: Influence of superstructure vibration mode on seismically induced forces along pile, Proc. 4th Int. Conf. on Earthquake Geotech. Engineering, CD-ROM, pp. 12, 2007.06.25-28
- 104) Matsumoto, T.: Roles of pile load testing to mitigate foundation failures, Proc. Int. Geotech. Seminar on Geotech. Eng. for Disaster Prevention & Reduction, Yuzhno-Sakhalinsk, Russia, pp. 50-66, 2007.03.25-26
- 105) Matsuzawa, K., Nakashima, Y., Matsumoto, T.: Spring hammer rapid load test method and its validations, Proc. Int. Conf. on Foundations, University of Dundee, Scotland, UK, pp. 223-234, 2008.06.24-27
- 106) Nemoto, H., Sakihama, H., Nakashima, Y., Matsuzawa, K., Matsumoto, T.: Characteristics of bearing stratum for a building foundation estimated from rapid plate load tests, Proc. Int. Conf. on Foundations, University of Dundee, Scotland, UK, pp. 1797-1808, 2008.06.24-27
- 107) Kitiyodom, P., Murata, A., Sasa, Y., Shimamoto, E., Matsumoto, T., Kitaura, M.: Analysis of a seismically induced highway embankment failure during the 2007 Noto earthquake, Proc. 1st Int. FLAC/DEM Symposium on Numerical Modeling, Minnesota, USA, pp.573-581, 2008.08.25-27
- 108) Matsumoto, T., Masuzawa, K., Kitiyodom, P.: A role of pile load test - Pile load test as element test for design of foundation system, Proc. the 8th Int. Conf. on the Application of Stress-Wave Theory to Piles, Lisbon, Portugal, pp.39-58, 2008.09.8-10
- 109) Kitiyodom, P., Matsumoto, T., Tomisawa, K., Kojima, E., Kumagai, H.: Dynamic analysis of a single pile in time domain considering frequency dependence of soil resistance, Proc. the 8th Int. Conf. on the Application of Stress-Wave Theory to Piles, Lisbon, Portugal, pp.107-114, 2008.09.8-10
- 110) Fujisawa, H., Yamashita, D., Kanehira, Y., Arai, M., Kitamura, K., Kuwabara, F., Matsumoto, T.: Dynamic load test method by hitting the inner bottom of close-ended steel pipe pile, Proc. the 8th Int. Conf. on the Application of Stress-Wave Theory to Piles, Lisbon, Portugal, pp.159-164, 2008.09.8-10
- 111) Matsuzawa, K., Nakashima, Y., Nakayama, M., Matsumoto, T.: A piling method accompanying rapid load testing, Proc. the 8th Int. Conf. on the Application of Stress-Wave Theory to Piles, Lisbon, Portugal, pp.487-495, 2008.09.8-10
- 112) Kitiyodom, P., Matsumoto, T., Sonoda, R.: A post-analysis of a large piled raft foundation constructed using reverse construction method, Proc. 5th Int. Geotech. Seminar on Deep Foundations on Bored and Auger Piles, 2008.09.8-10
- 113) Kitiyodom, P., Matsumoto, T., Sonoda, R.: Case studies on role of pile load tests in settlement analyses of a pile group and a piled raft, Proc. 11th Int. Conf. on Deep Foundations "Our Future is Founded on Innovation", CD-ROM, 10pp., 2008.10.14-17
- 114) Kobayashi, H., Nishio, H., Nagao, T., Watanabe, T., Horikoshi, K., Matsumoto, T.: Design and construction practices of piled raft foundations in Japan, ISSMGE TC-18, Proc. Int. Conf. on Deep Foundations - CPRF and Energy Piles, 2009.05.15
- 115) Sonoda, R., Matsumoto, T., Kitiyodom, P.: Post-analyses of settlements of a piled raft foundation in a reclaimed ground, ISSMGE TC-18, Proc. Int. Conf. on Deep Foundations - CPRF and Energy Piles, 2009.05.15
- 116) Sonoda, R., Matsumoto, T., Kitiyodom, P.: Deformation analysis of a piled raft foundation constructed using reverse construction method, Proc. 17th ICSMGE, Alexandria, Egypt, Vol. 2, pp.1301 - 1304, 2009.10.5-9

- 117) Zhusupbekov, A., Seidmarova, T., Matsumoto T.: Correlation of Soil Parameters and Load-Displacement Relations of Piles Driven in Loam and Clay Ground in Astana, Kazakhstan, Proc. 17th ICSMGE, Alexandria, Egypt, Vol. 2, pp.1757 - 1761, 2009.10.5-9
- 118) Nishiki, Y., Matsumoto, T., Kobayashi, S., Shimominami, T.: Analyses of embankment failures associated with 2007 Noto Earthquake, Proc. 17th Southeast Asian Geotechnical Conference, pp. 355-358, 2010.05.10-13
- 119) Kitiyodom, P., Matsumoto, T., Sonoda, R.: An approximate numerical analysis of large piled raft foundations, Proc. Int. Geotech. Conf. on Geotechnical Challenges in Megacities, Moscow, pp.394 - 401, 2010.06.07-10
- 120) Matsuzawa, K., Nakashima, Y., Nemoto, H., Kinoshita, K., Matsumoto, T.: Design of building foundations based on the results of rapid plate loading tests using Spring Hammer test method Proc. Int. Geotech. Conf. on Geotechnical Challenges in Megacities, Moscow, pp.503 - 510, 2010.06.07-10
- 121) Matsumoto, T., Kobayashi, S., Nishiki, Y., Kitiyodom, P.: Risk assessment of highway embankments based on embankment failures caused by 2007 Noto Peninsula earthquake Proc. Int. Geotech. Conf. on Geotechnical Challenges in Megacities, Moscow, pp.937 - 944, 2010.06.07-10
- 122) Thongmune, S., Matsumoto, T., Kobayashi, S.: DEM simulations of push-up load tests of sand plugs in steel pipe pile, Proc. Int. Symp. on Geomechanics and Geotechnics: From Micro to Macro, Shanghai, pp.721 -7 26, 2010.10.10-12.
- 123) Phan Ta, L., Matsumoto, T., Kobayashi, S.: A wave propagation analysis in an open-ended pipe pile using finite difference method with matrix Form Proc. Int. Conf. on Geotechnics for sustainable development, GEOTEC HANOI 2011 pp.369-379, 2011.10.6-7
- 124) Thongmune, S., Kobayashi, S., Matsumoto, T.: Effect of soil-pile friction coefficient on soil plug capacity Proc. Int. Conf. on Geotechnics for sustainable development, GEOTEC HANOI 2011 pp.791-798, 2011.10.6-7
- 125) Phan, T. L., Matsumoto, T., Kobayashi, S.: A matrix method of wave propagation analysis in an open-ended pipe pile based on equation of motion, Proc. 9th Int. Conf. on Testing and Design Methods for Deep Foundations, IS-Kanazawa 2012, Kanazawa , pp.105-112, 2012.10.18-20
- 126) Yenkebayev, S., Zhusupbekov, A., Lukpanov, R., Seidmarova, T., Utepov, Y., Saparbek, Y., Matsumoto, T., Zhusupbekov, A., Strnisha, G., Malinowska, E.: Correlation of static load test results and pile driving formula: Cases in Astana, the capital of Kazakhstan, Proc. 9th Int. Conf. on Testing and Design Methods for Deep Foundations, IS-Kanazawa 2012, Kanazawa, pp.199-207, 2012.10.18-20
- 127) Nemoto, H., Sakihama, H., Matsuzawa, K., Kinoshita, K. & Matsumoto, T.: Estimation of load-displacement relationships of grounds by rapid plate load tests, Proc. 9th Int. Conf. on Testing and Design Methods for Deep Foundations, IS-Kanazawa 2012, Kanazawa , pp.312-329, 2012.10.18-20
- 128) Kemelov, D., Matsumoto, T., Kobayashi, S., Phan, T. L., Shimono, S., Zhusupbekov, A.: Rapid load testing of rigid plates on dry sand model ground, Proc. 9th Int. Conf. on Testing and Design Methods for Deep Foundations, IS-Kanazawa 2012, Kanazawa , pp.331-339, 2012.10.18-20
- 129) Kumagai, H., Tomisawa, K., Matsumoto, T.: Static load-displacement relations of steel pipe piles obtained from static and dynamic horizontal load tests, Proc. 9th Int. Conf. on Testing and Design Methods for Deep Foundations, IS-Kanazawa 2012, Kanazawa, pp.363-370, 2012.10.18-20
- 130) Nitta, K., Aso, K., Matsumoto, T., Kobayashi, S.: A numerical study on group efficiency for settlement of piled foundations subjected to vertical loading, Proc. 9th Int. Conf. on Testing and Design Methods for Deep Foundations, IS-Kanazawa 2012, Kanazawa, pp.545-552, 2012.10.18-20

- 131) Thongmune, S., Kobayashi, S., Matsumoto, T.: Plugging mechanism of soil column within pipe pile using uncrushable uniform particle assembly, Proc. 9th Int. Conf. on Testing and Design Methods for Deep Foundations, IS-Kanazawa 2012, Kanazawa, pp.565-572, 2012.10.18-20
- 132) Thongmune, S., Kobayashi, S., Matsumoto, T., Kakitani, Y.: Push-up load tests of soil plugs using two different spherical sizes assemblies, Proc. 9th Int. Conf. on Testing and Design Methods for Deep Foundations, IS-Kanazawa 2012, Kanazawa, pp.573-580, 2012.10.18-20
- 133) Bamrungwong, C., Chaisukhang, J., Janmonta, K., Kitiyodom, P., Matsumoto, T., Matsuzawa, K., Youwai, S.: Comparisons of rapid load test, dynamic load test and static load test on driven piles, Proc. 9th Int. Conf. on Testing and Design Methods for Deep Foundations, IS-Kanazawa 2012, Kanazawa, pp.795-800, 2012.10.18-20
- 134) Phan, T. L., Matsumoto, T., Kobayashi, S.: Numerical and experimental studies on dynamic pile load tests and cone penetration tests, Proc. the 5th Int. Geotech. Sym. on Geotechnical Engineering for Disaster Prevention & Reduction, Environmentally Sustainable Development, IGS-Incheon 2013, Incheon, Korea, pp.268-278, 2013.05.22-24
- 135) Unsever, Y. S., Kawamori, M., Matsumoto, T., Shimono, S.: Cyclic horizontal load tests of single pile, pile group and piled raft in model dry sand, Proc. 18th Southeast Asian Geotechnical Conf. & Inaugural AGSSEA Conf., 18SEAGC/1AGSSEA, Singapore, pp.891-896, 2013.05.29-31
- 136) Matsumoto, T., Shimono, S., Fukuda, R., Kobayashi, S.: Fundamental experimental study on behaviours of piled foundations and surrounding dry sand ground subjected to cyclic horizontal loading, Proc. of 4th IPA Int. Workshop in Singapore, pp.15-31, 2013.6
- 137) Phan T. L., Matsumoto, T., Kobayashi, S.: Wave matching analysis of a steel pipe pile to predict the static responses of the tested and working piles at Thi Vai International port in Viet Nam, Proc. the 2nd Int. Conf. on Geotechnics for Sustainable Development, GeotecHanoi, Vietnam, No.5-14, 11p., CD-ROM, 2013.11.28-29
- 138) Matsumoto, T.: Implications for design of piled raft foundations subjected lateral loading (Keynote paper), Proc. Int. Symp. on Advances in Foundation Engineering, Singapore, pp.113-136, 2013.12.05-06