

近十年國際會議論文

1. Chang, D.W., Zhussupbekov, A., Cheng, S.H., Wong, R.K.N. and Mukhanov, D. (2026). Damage measures of low-rise building foundations on layered sands due to seismic impacts, 21st ICSMGE, June 14-19, Vienna, Austria.
2. Chang, D.W., Cheng, S.H., Ge, L. and Zhussupbekov, A (2026). A study on total factor of safety for liquefaction potential assessment, GEOMOS26, March 18-20, Moscow, Russia.
3. Chang, D.W., Chen, Y., Cheng, S.H., Ge, L. (2026). The influences of input ground motions on ground displacements. SEAGC and AGSSEA Conference Jan 28-30, Manila, Philippine.
4. Chang, D.W., Cheng, S.H., Ge, L., Zhussupbekov, A. and Wong, R.K.N. (2025). Damage measures of low-rise building foundations on layered sands due to earthquake impacts, GIZ2025, August 28-30, Almaty, Kazakhstan.
5. Chang, D.W., Lian, X.J., Cheng, S.H., Hsu, T.L. and Mukhanov, D. (2024). The effects of low-rise building mat on liquefiable site. The 2nd Int. Scientific and Practical Symposium- The Future of Construction Industry: Challenges and Developments Prospects, Moscow State University of Civil Engineering. October 24, NSTC 112-2625-M-032-005.
6. Yang, C.H. Hwang, Y.W, Zhang, W. Chang, D.W., and K.H. Yang (2024). Influence of bidirectional shaking on pore water pressure generation for liquefaction triggering evaluation, 8ICGEE, May 7-10, Osaka, Japan.
7. Chang, D.W. and Chou, T.M. (2023). Developing a two-dimensional nonlinear vertical spring model for mat foundation in clays using hyperbolic function, 17ARC, Astana, Kazakhstan.
8. Chang, D.W., Lin, J.H., Lin, Y.K., Lu, F.C. and Kuo, C.J. (2023). Dimensionless modulus of subgrade reaction for embedded mat foundation in soft clay under vertical load, 17ARC, Astana, Kazakhstan
9. Chang, D.W., Lin, J.H., Lin, Y.K., Lu, F.C., Kuo, C.J. and Zhussupbekov, A. (2023). Assessments of dimensionless pile stiffness for embedded piled raft foundations in soft clays under vertical loads, 17ARC, Astana, Kazakhstan.
10. Jhuo, Y.S., Hiruma, N., Yabe, M., Cheng, S.H., Chien, C.J., Chang, D.W., Ge, L. (2023). Verification of piezo drive cone data against standard penetration and cone penetration tests: a case study in Taiwan. The 21st Southeast Asian Geotechnical Conference and 4th AGSSEA Conference. October 25-27, Bangkok, Thailand.
11. Chang, D.W., Hung, M.H., Lai, Y.Y. and Zhussupbekov, A. (2022). Finite difference analysis on settlements of pile rafted foundation considering the effects of soil springs and pile-to-pile Interactions, 20ICSMGE, Sydney, Australia, May 1-5, 2022.
12. Chang, D.W., Hung, M.H. and Lien, H.W. (2020). 2D soil springs for elastic settlements of mat foundation under vertically uniform loads, 2020 International Conf. on Mathematics and Computer in Science and Engineering (MACISE 2020), Madrid, Spain, Jan 14-16, 2020. (IEEE) [10.1109/MACISE49704.2020.00041](https://doi.org/10.1109/MACISE49704.2020.00041)

13. Chang, D.W., Lien, H.W., Hu, Gao-Yun and Chuang, Yu-An (2019). Developing a three dimensional finite-difference analysis for piled raft foundation settlements under vertical loads, 4th Int. Bolivia Conference on Deep Foundation, May 23-24, Santa Cruz, Bolivia.
14. Chang, D.W., Lien, H.W. and Wang, T.Y. (2019). Finite difference analysis of combined pile raft foundations under vertical loads”, October 13-18, 16ARC, Taipei, Taiwan.
15. Chang, D.W., Li, Jheng-Fong and Lin, You-Syuan (2018). Studies on soil parameter reduction factors for post liquefaction from 1-D ground response analyses, GEESD V, GSP 291 Vol. II, pp.619-629.
16. Chang, D.W. and Lien, H.W. (2018). Finite difference analysis of raft foundations under vertically static loads” 20th SEAGS and 3rd AGSSEA Conference, Nov. 5-8, Jakarta, Indonesia.
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18. Chang, F.C.-I. and Chang, D.W. (2017). Renewables and prospects of wind and geothermal energy in Taiwan, WSEC2017 Roundtable Discussions, June 17-21, Astana, Kazakhstan.
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20. Balakumar, V., Huang, M., Chang, D.W., Oh, E., Lin S.S., and Balasubramaniam, A.S. (2017). Piles and piled raft foundations analyses for Surface Paradise, Gold Coast sub-soil conditions, *Procds.*, The 19 ICSMGE, September 18-22, Seoul, Korea.
21. Chang, D.W. and Matsumoto, T. (2017). “Performance based seismic design of piled raft foundations from probability and reliability based methods using approximate numerical analyses, Chapter 11, *Design and Analysis of Piled Raft Foundations- 2017*, Tamkang University Press, Taipei Taiwan, pp. 147-166.
22. Chang, D.W., M.Y. Hong, C.W. Lu and S.S. Lin (2016). Predictions for seismic behaviors of pile foundations from 3D dynamic FEM analysis”, *Procds.*, The 19SEAGC and 2AGSSEA, May 31-June 3, Kuala Lumpur, Malaysia.
23. Chang, D.W., Chiou, J.S. and Chou, C.R. (2016). Pile foundation design in Taiwan - current practice, developments and prospective”, *Procds.*, *Tripartite Seminar – CIE, HKIE and IEM*, November 4, Taipei, Taiwan.