

International Journal

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2. **Phutthananon, C.**, Jongpradist, P., Kandavorawong, K., Dias, D., Guo, X. and Jamsawang, P., 2023, “Reliability assessment for serviceability limit states of stiffened deep cement mixing column-supported embankments”, **Journal of Rock Mechanics and Geotechnical Engineering**, Vol. 15, pp. 2402-2422.
3. Jongpradist, P., Wainiphithapong, S. and **Phutthananon, C.**, 2023, “Optimization of shield tunneling parameters under controlled surface settlements”, In: **Anagnostou, G., Benardos, A. and Marinou, V.P. (Eds.) Expanding Underground - Knowledge and Passion to Make a Positive Impact on the World**, pp 2717–2724.
4. **Phutthananon, C.**, Tippracha, N., Jongpradist, P., Tunsakul, J., Tangchirapat, W. and Jamsawang, P., 2023, “Investigation of strength and microstructural characteristics of blended cement-admixed clay with bottom ash”, **Sustainability**, Vol. 15, pp. 3795.
5. **Phutthananon, C.**, Lertkultanon, S., Jongpradist, P., Duangsano, O., Likitlersuang, S. and Jamsawang, P., 2023, “Numerical investigation of existing single pile responses due to adjacent twin tunneling considering the lagging distance”, **Underground Space**, Vol. 11, pp. 171-188.
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8. **Phutthananon, C.**, Jongpradist, P., Dias, D., Guo, X., Jamsawang, P. and Baroth, J., 2022, “Reliability-based settlement analysis of embankments over soft soils reinforced with T-shaped deep cement mixing piles”. **Frontiers of Structural and Civil Engineering**, Vol. 16, pp. 638-656.
9. **Phutthananon, C.**, Jongpradist, P., Jongpradist, P., Dias, D., Jamsawang, P. and Bergado, D.T., 2021, “Performance-based design optimization of embankments resting on soft soil improved with T-shaped and conventional DCM piles”. **Acta Geotechnica**, Vol. 16, pp. 3301-3326.
10. **Phutthananon, C.**, Jamsawang, P., Jongpradist, P. and Dias, D., 2021, “Numerical study of the deformation performance and failure mechanisms of TDM pile-supported embankments”, **Transportation Geotechnics**, Vol. 30, pp. 100623.
11. **Phutthananon, C.**, Jongpradist, P., Jongpradist, P., Dias, D. and Baroth, J., 2020, “Parametric analysis and optimization of T-shaped and conventional deep cement mixing column-supported embankments”, **Computers and Geotechnics**, Vol. 122, pp. 103555.

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6. Lertkultanon, S. , **Phutthananon, C.** , Heama, N. , Jongpradist, P. and Duangsano, O. , 2021 , “ 3D finite element investigation on influence of the lagging distance between side-by-side twin tunneling on existing pile” , **The 26th National Convention on Civil Engineering**, Bangkok, Thailand.
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