

	李威霖	助理教授
	Wei-Lin Lee	Assistant Professor
	最高學歷	國立成功大學水利及海洋工程學系博士
	研究專長	災害風險管理、大地工程數值分析、水利工程數值分析、土石流、邊坡穩定
	教授科目	土壤力學、土壤力學實驗、土木防災概論
致遠樓 (07)7456290 # glaciallife@gmail.com		

一、經歷

服務機構	服務部門／系所	職稱	起訖年月(西元年/月)
中華民國陸軍軍官校	土木系	助理教授	自 <u>2025 / 08</u> 至今
國家災害防救科技中心	坡地洪旱組	助理研究員	自 <u>2021 / 12</u> 至 <u>2025 / 07</u>
國立成功大學	水利及海洋工程學系	博士後助理研究員	自 <u>2020 / 10</u> 至 <u>2021 / 11</u>
荷蘭三角洲研究機構 (Deltares)	地工部門 (Unit Geo-engineering)	參訪學者	自 <u>2018 / 02</u> 至 <u>2019 / 02</u>
筑波大學	生命與環境科學研究科	參訪學者	自 <u>2014 / 08</u> 至 <u>2014 / 08</u>
國立成功大學	防災研究中心	助理研究員	自 <u>2011 / 01</u> 至 <u>2017 / 01</u>
國立成功大學	防災研究中心	助理研究員	自 <u>2009 / 09</u> 至 <u>2010 / 12</u>

二、個人著作

(一)、期刊論文

(1)、英文

1. Ho, J. Y.*, Lee, W. L., Liu, C. H., Sakai, N., Chen, Y. C., Chang, C. H., & Chen, H. (2025). River rejuvenation on a fluvial fan induced by typhoons and earthquakes. npj Natural Hazards, 2(1), 1-9. <https://doi.org/10.1038/s44304-025-00106-2>
2. Peng, Y. P., Yang, K. H.*, Lee, W. L., Rus, T. Y., Cheng, S. H., Wang, J. Y., & Kuo, C. (2025). Three-dimensional material point analysis of the Guanghua landslide influenced by topographic constraints. Landslides, 1-21. (SCI, IF:7.0 Rank:15/258 5.6%, GEOSCIENCES) <https://doi.org/10.1007/s10346-025-02552-5>

3. Lu, C. W., Ahmad, S. *, Mohammad, Z., **Lee, W. L.**, Wen, H. C., & Lin, Y. F. (2025). Enhanced Stability and Liquefaction Resistance of Earth Dams With a Proposed Method of Geosynthetic Reinforcements. *Advances in Civil Engineering*, 2025(1), 2827855. (SCI, IF: 1.5 Rank: 115/182 37.1%, ENGINEERING) <https://doi.org/10.1155/adce/2827855>
 4. Lu, C. W., Lin, Y. F. *, **Lee, W. L.**, Doan, M. T. (2025). Analytical estimation of liquefaction-induced building settlement. *Soil Dynamics and Earthquake Engineering*. 194, 109301. (SCI, IF: 4 Rank: 48/202 28%, GEOSCIENCES) <https://doi.org/10.1016/j.soildyn.2025.109301>.
 5. Chih-Wei Lu, Yu-Feng Lin* and **Wei-Lin Lee**. (2024) An analytical model for liquefaction-induced manhole uplifting. *Soil Dynamics and Earthquake Engineering*. 180, 108562. (SCI, IF: 4 Rank: 48/202 28%, GEOSCIENCES) <https://doi.org/10.1016/j.soildyn.2024.108562>
 6. **Lee, W. L.***, Tai, Y. C., Shieh, C. L., & Lu, C. W. (2023). A Preliminary Study of the Seepage Hammer Effect and Its Impacts on the Stability of Layered Infinite Slope. *Water*, 15(10), 1832. (SCI, IF: 3.53 Rank: 36/100 36%, WATER RESOURCES) <https://doi.org/10.3390/w15101832>
 7. **Lee, W. L.**, Lu, C. W.*, & Huang, C. K. (2022). Near-Nature Ecological Technique for Pier Scour Countermeasure in a Submerged Overfall. *Applied Sciences*, 12(13), 6367. (SCI, IF: 2.838 Rank: 39/92 42.4%, ENGINEERING, MULTIDISCIPLINARY) <https://doi.org/10.3390/app12136367>
 8. Nguyen, T. S., Yang, K. H. *, Wu, Y. K., Teng, F., Chao, W. A., & **Lee, W. L.** (2022). Post-failure process and kinematic behavior of two landslides: Case study and material point analyses. *Computers and Geotechnics*, 148, 104797. (SCI, IF: 5.218 Rank: 9/41 22%, ENGINEERING, GEOLOGICAL) <https://doi.org/10.1016/j.compgeo.2022.104797>
 9. Tsai, Y. J. *, Chen, Y. J., Weng, C. H., Syu, F. T., Hsu, K. A., & **Lee, W. L.** (2022). Application of Stream Conductivity to Activity of Potential Large-Scale Landslide. *Frontiers in Earth Science*, 10, 759556. (SCI, IF: 3.661 Rank: 76/202 37.6%, GEOSCIENCES, MULTIDISCIPLINARY) <https://doi.org/10.3389/feart.2022.759556>
 10. Wang, H. W., Chen, G. W., **Lee, W. L.**, You, S. H., Li, C. W., Jang, J. H. *, & Shieh, C. L. (2021). Learning From Each Other in the Management of Natural Disaster and COVID-19 Pandemic: A Case Study in Taiwan. *Frontiers in public health*, 9. (SCI, IF: 6.461 Rank: 18/182 10%, PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH) <https://doi.org/10.3389/fpubh.2021.777255>
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11. **Lee, W. L.**, Lu, C. W.*, & Huang, C. K. (2021). Application of a Single Porous Basket as a Pier Scour Countermeasure. *Water*, 13(21), 3052. (SCI, IF: 3.53 Rank: 36/100 36%, WATER RESOURCES) <https://doi.org/10.3390/w13213052>
12. **Lee, W. L.***, Martinelli, M., & Shieh, C. L. (2021). An investigation of rainfall-induced landslides from the pre-failure stage to the post-failure stage using the Material Point Method. *Frontiers in Earth Science*, 1049. (SCI, IF: 3.661 Rank: 76/202 37.6%, GEOSCIENCES, MULTIDISCIPLINARY) <https://doi.org/10.3389/feart.2021.764393>
13. **Lee, W. L.**, Lu, C. W.*, & Huang, C. K. (2021). A Study on Interaction between Overfall Types and Scour at Bridge Piers with a Moving-Bed Experiment. *Water*, 13(2), 152. (SCI, IF: 3.53 Rank: 36/100 36%, WATER RESOURCES) <https://doi.org/10.3390/w13020152>
14. **Lee, W. L.***, Tai, Y. C., Shieh, C. L., Miyamoto, K., & Lin, Y. F. (2019). Hydro-mechanical response with respect to the air ventilation for water filtration in homogeneous soil. *Journal of Mountain Science*, 16(11), 2562-2576. (SCI, IF: 2.371 Rank: 212/279 76%, ENVIRONMENTAL SCIENCES) <https://doi.org/10.1007/s11629-019-5643-0>
15. **Lee, W. L.***, Chen, Y. S., & Shieh, C. L. (2017). Applied Managerial Decision Analysis for Debris Flow Evacuation Decisions. *International Journal of Erosion Control Engineering*, 10(1), 24-31. <https://doi.org/10.13101/ijece.10.24>
16. Doong, D. J.*, Lo, W., Vojinovic, Z., **Lee, W. L.**, & Lee, S. P. (2016). Development of a new generation of flood inundation maps—A case study of the coastal city of Tainan, Taiwan. *Water*, 8(11), 521. (SCI, IF: 3.53 Rank: 36/100 36%, WATER RESOURCES) <https://doi.org/10.3390/w8110521>

(2)、中文

1. **李威霖***, 盧之偉, 林子聖, Nadila Ayu Novanti, 林郁峰 (2024), 「應用向量傾角法推估滑動面演變之適用性探討」 *中華水土保持學報*, 55(3), 131-142
2. 盧之偉, 林子聖*, **李威霖**, 林郁峰, & 蔡元融 (2024) 震後山崩降雨警戒值變化之研究. *中華防災學刊*, 16(2), 139-148. (2024/09)
3. 李士強, 劉哲欣, 張志新, & **李威霖** (2024). 結合無人機多光譜影像及機械學習方法進行地物判釋. *中國土木水利工程學刊*, 36(3), 275-283.
4. 盧之偉、王慕曦、**李威霖**、蔡元融 (2023)。「以地盤改良工法做為野溪固床整治方法的評估研究」。 *中華水土保持學報*, 54(4), 283-291。
5. 楊國鑫*、彭逸蘋、郭治平、**李威霖**、汪俊彥、陳昭維、朱世文、白朝金, (2023), 以物質點法探討光華崩塌地滑動面深度與地下水之影響, *中華水土保持學報*, 54(3), 185-196。

6. 吳其澂、林郁峰、**李威霖**、呂慈恩、盧之偉 (2023), 「地震區農塘之壩體安全性評估」, 中華防災學刊, 15(1), 27-36。
7. 陳俞旭*、**李威霖**、林健洋、蔡雨倫、林士勛, 曾文水庫集水區崩塌地和土砂流出變遷特性研究, 中華水土保持學報 53(4):273-284, (2022,12)
8. 洪勝雄, 李心平*, 葉惠中, 蘇意筑, & **李威霖**. (2015). 利用空間統計及權重法進行土石流潛勢溪流雨量站網規劃. 水土保持學報, 47(3), 1465-1486.
9. **李威霖***, 謝明昌, 徐浩仁, & 謝正倫. (2015). 水旱災防救科技之應用與發展. 中華防災學刊, 7(2), 215-230.
10. 謝正倫, **李威霖***, 黃志偉, & 李心平 (2015). Integration and Application of Hydrologic Information for Local Governments. 中華防災學刊, 7(2), 191-201.