表一

國立中山大學海洋科學學院115年院長候選人資料表

基本資料：

姓名	李政賢	性別	■男 □女	出生年月日 710223	電話	公：07-5252000#5073 手機：[redacted]
通訊處	e-mail：kethenlee@gmail.com				傳真	公：07-5255060

現職	服務機關名稱	專/兼任	職　　稱	到職年月
	國立中山大學 海洋科學學院	兼任	代理院長	2026/02
	國立中山大學 海洋環境及工程學系	兼任	系主任	2023/08
	國立中山大學 海洋環境及工程學系	專任	教授	2022/02
大專以上學歷	學校名稱	院系所	學位名稱	領受學位年月
	國立成功大學	水利及海洋工程學系	博士學位	2010/07
	國立成功大學	水利及海洋工程學系	碩士學位	2006/07
	國立成功大學	水利及海洋工程學系	學士學位	2004/07
經歷	服務機關名稱	專/兼任	職　　稱	到 職 年 月
	國立中山大學海洋環境及工程學系	專任	教授	2022/02
	國立中山大學海洋環境及工程系副教授	專任	副教授	2020/02
	淡江大學 水資源及環境工程系	專任	副教授	2018/08
	淡江大學 水資源及環境工程系	專任	助理教授	2015/08
	新加坡大學 離岸研究與工程中心	專任	研究員	2014/06
	南洋理工大學 土木及環境工程學系	專任	研究員	2012/06
	臺灣大學水工試驗所 博士後研究員	專任	博士後研究員	2011/07

附註：請檢附下列文件

1. 教育部頒教授證書影本。
2. 學術獎勵及榮譽事項。
3. 重要事蹟。
4. 著作及專利目錄。
5. 第2.3.4.項請以A4紙打字或正楷繕寫。

1. 教育部頒教授證書影本。

教授證書
Academic Teaching Rank Accreditation Certificate Professor

教字第146653號
REG.NO.:146653

李政賢　身分證字號 [redacted]　中華民國71年2月23日生
由國立中山大學送審並經本部依專科以上學校教師資格審定辦法審定
合於教授資格，年資自111年2月1日起計

The application for Mr. CHENG-HSIEN LEE at National Sun Yat-sen University to be conferred the rank of Professor has been reviewed by the Ministry of Education, in accordance with the Accreditation Regulations Governing Teacher Qualifications at Institutions of Higher Education. The Ministry of Education has approved the conferring of the academic teaching rank of Professor on Mr. CHENG-HSIEN LEE, effective from February 1, 2022

ID Number [redacted]
Date of Birth:February 23, 1982
Date of Issue:February 1, 2022

部長潘文忠
Wen Chung Pan
Wen-Chung Pan
Minister of Education
Republic of China (Taiwan)

中華民國　111　年　8　月　11　日

2. 學術獎勵及榮譽事項。

國內獎項與國內重要演講:

- 2025 國科會 2030 跨世代年輕學者方案(優秀年輕學者) 。
- 2024 國科會海洋及造船工程學門優良海報獎。
- 2023 第一屆台灣計算力學學會年會與學術研討會 Semi-Plenary speaker。
- 2022 台灣流體力學學會第一屆年會 Keynote speaker。
- 2022-2025 國立中山大學特聘年輕學者。
- 2022-2025 國立中山大學學術研究績優教師。
- 2021 成功大學優秀青年校友。
- 2020 臺灣綜合大學系統 109 年「年輕學者創新研究選拔」: 佳作。
- 2019 科技部哥倫布計畫補助。
- 2019 第 26 屆全國計算流體力學學術研討會優良海報論文獎第一名。

期刊編輯:

- Associated Editor, Coastal Engineering Journal (SCI) (2023-present).
- Academic Editor, PLOS ONE (SCI)(2022-present).
- Editorial Board Member, Marine Research (2025-present).
- Guest Editor, Topic: Environmental Fluid Mechanics-Tsunami, Journal of Earthquake and Tsunami (2022) (SCI).

受邀撰寫回顧文章:

- Lee, C.-H., Lo, P.H.-Y., Shi, H., Huang, Z., 2022. Numerical modeling of generation of land-slide tsunamis: a review. J. Earthq. Tsunami 16, 2241001. 期刊主編邀請撰寫山崩海嘯回顧性文章。
- Alhaddad, S., Keetels, G., Mastbergen, D., Rhee, C. Van, Lee, C.-H., Montella, E.P., Chauchat J., 2024. Subaqueous dilative slope failure (breaching): Current understanding and future prospects. Adv. Water Resour. 188, 104708.

3. 重要事蹟。

主辦工作坊:

- 主席。Sizihwan Workshop on Environmental Fluid Mechanics: Tsunami (2021/08/05-2021/08/06，線上國際工作坊)。Covid-19 疫情期間集結 8 國 20 名學者線上發表海嘯相關研究成果，相關論文集結後，於國際期刊 Journal of Earthquake and Tsunami 發表特刊。

主辦國內會議:

- 總幹事。第 44 屆海洋工程研討會暨 110 年度海洋及造船工程學門計畫成果發表會(2022/11/17-2022/11/18，高雄國賓飯店)。500 人參加，245 篇論文發表。

專家代表:

- 2023 年吐瓦魯代表團專家代表，出席太平洋島國論壇所舉辦的工作坊 Blue Pacific Coastal Nature-based Solutions Policy and Finance Workshop (2023/07/18-2023/07/20，PIFS Library, Suva, Fiji)。

MOU 簽署:

- Department of Naval Architecture and Ocean Engineering, Chosun University
- Department of Naval Architecture and Ocean Engineering, Seoul National University
- Department of Ocean and Resources Engineering, University of Hawaii at Manoa (3+2 學位)

4. 著作及專利目錄。

Wang, C.-H., Kuan, Y., Lee, C.-H.*, Hsu, W.-Y., 2025. Numerical study on dissipation rates of wave and roller energies under spilling breakers : Closures for dissipation rates. Ocean Eng. 336, 121757.

Alhaddad, S., Keetels, G., Mastbergen, D., Rhee, C. Van, Lee, C.-H., Montella, E.P., Chauchat J., 2024. Subaqueous dilative slope failure (breaching): Current understanding and future prospects. Adv. Water Resour. 188, 104708.

Lee, C.-H.*, Cheng, H.-Y., 2024. Numerical simulation of surf-zone turbulence beneath plunging breakers using Reynolds stress models. Ocean Eng. 302, 117630.

Lee, C.-H.*, Cheng, H.-Y., 2024. Multi-phase simulation for understanding morphodynamics of gravel beaches. Coast. Eng. 187, 104422.

Lee, C.-H.*, Chen, J.-Y., Lee, F.-S., Chang, L.-C., 2022. A combined O/U-tube oscillatory water tunnel for fluid flow and sediment transport studies : The hydrodynamics and genetic algorithm. Water 14, 1767.

Lee, C.-H.*, Chen, J.-Y., 2022. Multiphase simulations and experiments of subaqueous granular collapse on an inclined plane in densely packed conditions : Effects of particle size and initial concentration. Phys. Rev. Fluids 7, 044301.

Lee, C.-H.*, Lo, P.H.-Y., Shi, H., Huang, Z., 2022. Numerical modeling of generation of landslide tsunamis : a review. J. Earthq. Tsunami 16, 2241001.

Lee, C.-H.*, Huang, Z., 2022. Effects of grain size on subaerial granular landslides and resulting impulse waves: experiment and multi-phase flow simulation. Landslides 19, 137–153.

Lee, C.-H.*, Kuan, Y.-H., 2021. Onset of submerged granular collapse in densely packed condition. Phys. Fluids 33, 121705.

Lee, C.H., Huang, Z., 2021. Multi-phase flow simulation of impulsive waves generated by a sub-aerial granular landslide on an erodible slope. Landslides 18, 881–895.

Lee, C.-H.*, 2021. Two-phase modelling of submarine granular flows with shear-induced volume change and pore-pressure feedback. J. Fluid Mech. 907, A31-1-A31-24.

Tofany, N., Lee, C.-H.*, 2021. Multi-phase modelling of surf-zone sediment transport and bed evolution under plunging breakers. Eur. J. Mech. B/Fluids 89, 367–379.

Tofany, N., Low, Y.M., Lee, C.-H., Chiew, Y.-M., 2019. Two-phase flow simulation of scour beneath a vibrating pipeline during the tunnel erosion stage. Phys. Fluids 31, 113302.

Yu, M.-L., Lee, C.-H.*, 2019. Multi-phase-flow modeling of underwater landslides on an inclined plane and consequently generated waves. Adv. Water Resour. 133, 103421.

Lee, C.-H.*, 2019. Underwater collapse of a loosely packed granular column on an inclined plane : Effects of the Darcy number. AIP Adv. 095046.

Lee, C.-H., Xu, C., Huang, Z., 2019. A three-phase flow simulation of local scour caused by a submerged wall jet with a water-air interface. Adv. Water Resour. 129, 373–384.

Lee, C.-H.*, 2019. Multi-phase flow modeling of submarine landslides: Transformation from hyperconcentrated flows into turbidity currents. Adv. Water Resour. 131, 103383.

Huang, Z., Lee, C.-H., 2018. Modeling of Fluid-Solid Two-Phase Geophysical Flows, in: Kim, A.S. (Ed.), Advanced Computational Fluid Dynamics for Emerging Engineering Processes - Eulerian vs. Lagrangian. IntechOpen, pp. 1–25.

Lee, C.-H., Huang, Z., Yu, M.-L., 2018. Collapse of submerged granular columns in loose packing: Experiment and two-phase flow simulation. Phys. Fluids 30, 123307

Lee, C.-H.* 2018. Rough boundary treatment method for the shear- stress transport k - ω model. Eng. Appl. Comput. Fluid Mech. 12, 261–269.

Lee, C.-H., Huang, Z., 2018. A two-phase flow model for submarine granular flows: With an application to collapse of deeply-submerged granular columns. Adv. Water Resour. 115, 286–300.

Yu, M.-L., Lee, C.-H.*, Huang, Z., 2018. Impulsive waves generated by the collapse of a submerged granular column: a three-phase flow simulation with an emphasis on the effects of initial packing condition. J. Earthq. Tsunami 12, 1–18.

Yang, J., Low, Y.M., Lee, C.-H., Chiew, Y. -M., 2018. Numerical simulation of scour around a submarine pipeline using computational fluid dynamics and discrete element method. Appl. Math. Model. 55, 400–416.

Lee, C.-H., Low, Y.M., Chiew, Y.-M., 2016. Multi-dimensional rheology-based two-phase model for sediment transport and applications to sheet flow and pipeline scour. Phys. Fluids 28, 053305.

Lee, C.-H., Huang, Z., Chiew, Y.-M., 2015. A multi-scale turbulent dispersion model for dilute flows with suspended sediment. Adv. Water Resour. 79, 18–34.

Lee, C.-H., Huang, Z., Chiew, Y.-M., 2015. An extrapolation-based boundary treatment for using the lattice Boltzmann method to simulate fluid-particle interaction near a wall. Eng. Appl. Comput. Fluid Mech. 9, 370–381.

Lee, C.-H., Huang, Z., Chiew, Y.M., 2015. A three-dimensional continuum model incorporating static and kinetic effects for granular flows with applications to collapse of a two-dimensional granular column. Phys. Fluids 27, 113303.

Lee, C.-H., Huang, C.-J., 2012. Kinetic-theory-based model of dense granular flows down inclined planes. Phys. Fluids 24, 73303.

Lee, C.-H.*, Huang, C.-J., 2010. Model of sheared granular material and application to surface-driven granular flows under gravity. Phys. Fluids 22, 43307.

Fang, C., Lee, C.-H., 2008. Unsteady parallel flows of an elasto-visco-hypoplastic fluid with oscillating boundary. Appl. Rheol. 18. 45001.

Fang, C., Lee, C.-H., 2008. A unified evolution equation for the Cauchy stress tensor of an isotropic elasto-visco-plastic material : II. Normal stress difference in a viscometric flow, and an unsteady flow with a moving boundary. Contin. Mech. Thermodyn. 19. 441–455