**Curriculum Vitae of Prof. Li-Chung Chao**

Affiliation: Department of Construction Engineering, National Kaohsiung University of Science and Technology, Taiwan ROC

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Education:

1. PhD in Civil Engineering, Purdue University, USA, 1994.5
2. MS in Civil Engineering, , Purdue University, USA, 1990.12
3. BS in Hydraulic Engineering, Tamkang University, Taiwan ROC, 1977.6

Teaching Areas:

1. Decision analysis in construction
2. Construction cost estimation
3. Construction methods and equipment
4. Construction planning and control

Research Areas:

1. Bidding model in construction
2. Evaluation of construction technology
3. Construction project management

Experiences:

1. Professor, Department of Construction Engineering, National Kaohsiung University of Science and Technology, Taiwan ROC, 2010.8-present
2. Associate Professor, Department of Construction Engineering, National Kaohsiung University of Science and Technology, Taiwan ROC, 2000.8-2010.7
3. Senior Lecturer, Department of Building, National University of Singapore, Singapore, 1998.7-2000.7
4. Lecturer, School of Building and Real Estate, National University of Singapore, Singapore, 1994.7-1998.7
5. Civil Engineer, Department of Civil Engineering Construction, BES Engineering Corporation, Taiwan ROC, 1981.11-1989.7

Publications:

1. Li-Chung Chao, Shinn-Jye Liaw (2019). Fuzzy logic model for determining minimum overheads-cum-markup rate. Journal of Construction Engineering and Management, 145(4): 04019008-1~10. (SCI).
2. Li-Chung Chao, Chiang-Pin Kuo (2018). Neural-network-centered approach to determining lower limit of combined rate of overheads and markup. Journal of Construction Engineering and Management, 144(2): 04017117-1~8. (SCI).
3. Li-Chung Chao, Hsien-Tse Chen (2015). Predicting project progress via estimation of S-curve's key geometric feature values. Automation in Construction, 57, 33-41. (SCI)
4. Li-Chung Chao, Lai-Chen Cheng (2014). ANP model for evaluation of false-work systems for cast-in-place cantilever bridges. Procedia Engineering, 85, 104-112. (EI).
5. Li-Chung Chao, and Chih-Sheng Hsiao (2012). Fuzzy model for predicting project performance based on procurement experiences. Automation in Construction, 28, 71-81. (SCI)
6. Li-Chung Chao, Ching-Fa Chien (2010). A model for updating project S-curve by using neural networks and matching progress. Automation in Construction, 19(1), 84-91. (SCI)
7. Li-Chung Chao (2010). Estimating project overhead rate in bidding: DSS approach using neural networks. Construction Management and Economics, 28(3), 287-299. (EI)
8. Li-Chung Chao, Ching-Fa Chien (2009). Estimating project S-curves using polynomial function and neural networks. Journal of Construction Engineering and Management, 135(3), 169-177. (SCI)
9. Li-Chung Chao, Chang-Nan Liou (2007). Risk-minimizing approach to bid-cutting limit determination. Construction Management and Economics, 25(8), 835-843. (EI)
10. Li-Chung Chao (2007). Fuzzy logic model for determining minimum bid markup. Computer-Aided Civil and Infrastructure Engineering, 22(6), 449-460. (SCI)
11. Li-Chung Chao, Sung-Lin Hsueh (2006). Assessing project schedule risk with contingent tasks by spreadsheet-based simulation. Cost Engineering, 48(3), 11-20. (EI)
12. Li-Chung Chao (2001). Assessing earth-moving operation capacity by neural network-based simulation with physical factors. Computer-Aided Civil and Infrastructure Engineering, 16(4), 287-294. (SCI)