

毛治國 兼任教授 Adjunct Prof. Mao, Chi-Kuo

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學歷 (Education)

美國麻省理工學院博士 1982

Massachusetts Institute of Technology, Civil Engineering, Ph D. 1982

最初受聘於管院的日期 (Date of First Appointment)

Aug., 2003

Normal Professional Responsibilities

ED, MT

經歷 (Work Experience)

Academic Experience

國立交通大學管理學院講座教授、管理學院院長(2003-2008)

NCTU, College of Management, Chair Prof., Dean of College of Management (2003-2008)

國立交通大學管理學院副教授、教授、管理科學系系主任(1983-1989)

NCTU, College of Management, associate prof., prof., Chairman of department (1983-1989)

Professional Experience

政府部門工作經驗 Public Services

交通部部長，行政院副院長，行政院院長 (2008-2016)

Minister of Transportation and Communications, vice Prime Minister, Prime Minister (2008-2016)

交通部：交通部主任秘書，觀光局局長，高速鐵路工程籌備處處長，民用航空局局長，交通部副部長，中華電信股份有限公司董事長。(1989-2003年)

MOTC: Secretary General of the Ministry, Director General of Tourism Bureau, Director General of the provisional office of Highspeed Rail Project, Director General of Civil Aeronautic Administration, Vice Minister of MOTC, Chairman of Chung Hwa Telecom Ltd. (1989-2003)

社會服務 Social Services

中華民國電腦學會理事長 (2006-2008)

中華運輸學會理事長(2000-2004)、榮譽理事長(2018)

台灣通訊學會創會理事長(2006-2008)、榮譽理事長(2019)

企業服務 Corporation Services

永豐金控獨立董事 (2004-2005)

PCHome 獨立董事 (2004-2005)

研究領域 (Research Interests)

管理原理 (Principles of Management)

決策 (Decision-making)

變革管理 (Change Management)

企業策略規劃與事業經營 (Enterprise Strategy Plan & Business Management)

組織變革 (Organization reform)

授課 (Teaching)

管理原理 (Principles of Management)

領導與溝通 (Leadership and Communication)

策略管理 (Strategic Management)

獲獎 (Awards and Honors)

中華民國管理科學會管理獎章 (2014)

學術期刊著作 (Publications)

(A) 期刊論文 (Peer Reviewed Journal Articles)

1. Mao, Chi-Kuo, Hu, Jin-Li and Chen, Chun-Mei. "Are the Full-service Telcos More Competitive? A Comparative Efficiency Study over 2000~2004 Period", **Telecommunications Policy**. Forthcoming.
2. Chen, Chun-Mei, Tsai, Hsiang-Chih and Mao, Chi-Kuo. "Income, Affordable and Threshold Effects on FMS in the Developed and Developing Economies", **Telecommunications Policy**. Forthcoming.
3. Hsiu-Chun Cheng, Mu-Chen Chen and Chi-Kuo Mao, "The Evolution of Supply Chain Networks in Dynamic Environment with Complex Adaptive Systems," *Production Planning & Control*. (under revised, SCI)
Chi-Kuo Mao, Jin-Li Hu, Chun-Mei Chen. "Are the Fixed-Mobile Telcos More Competitive ? A Cross-Country Efficiency Study," *Journal of Information and Optimization Sciences*. (EI, Ref. no. 091004, forthcoming)
4. Chi-Kuo Mao, Jin-Li Hu, Chun-Mei Chen. "Are the Fixed-Mobile Telcos More Competitive ? A Cross-Country Efficiency Study," *Journal of Information and Optimization Sciences*. (EI, Ref. no. 091004, forthcoming)
5. Mao, C. K., Ding, C. G., and Lee, H. Y. (2010), "Post-SARS Tourist Arrival Recovery Patterns: An Analysis Based on a Catastrophe Theory," *Tourism Management*, 31, 855-861. (SSCI)
6. Hsiu-Chun Cheng, Mu-Chen Chen and Chi-Kuo Mao (2010), "The Evolutionary Process and Collaboration in Supply Chains", *Industrial Management & Data Systems*, Vol. 110 No. 3. (SCI; 2008 Impact Factor: 0.945)
7. 毛治國、鄭琇君, 「管理決策概念架構之回顧與建議」, *管理與系統*, 第十六卷第二期, 民國 98 年 (Leading paper)。(TSSCI)
8. Chun-Mei Chen, Hsiang-Chih Tsai, Chi-Kuo Mao. (2008). "Income, Affordable and Threshold Effects on FMS in the Developed and Developing Economies," *Telecommunications Policy*, 32 (10-11): 626-641. (SSCI)
9. Chi-Kuo Mao, Hsiang-Chih Tsai, Chun-Mei Chen. (2008). "FMS patterns: Penetration vs. Traffic Substitution in Different Groups of Countries," *Technological Forecasting and Social Change*, 75 (3): 356-384. (SSCI)
10. Mao, Chi-Kuo, Tsai, Hsiang-Chih and Chen, Chun-Mei (2007). "FMS Patterns: Penetration vs. Traffic Substitution in Different Groups of Countries", **Technological Forecasting and Social Change**. In press.

(B) 學術會議論文 (Conference Papers)

1. Mao, Chi-Kuo, 2007, The Behavioral Patterns of Human Organization-A Complex System Perspective, Association of Chinese Management Education(Las Vegas, USA)
2. Mao, Chi-Kuo,2007, From Benard Cell to Human Organization,2007, 11th World Multi-conference on Systemics, Cybernetics, and Informatics(Orlando, USA)
3. Mao, Chi-Kuo, 2006, Interoperability and New Telecom Value Chain Systems, IEEE GLOBECOM ACCESS'06 (San Francisco, USA)
4. 毛治國, 2006, 複雜系統理論在管理應用上的發展機會, 第四屆中國管理科學與工程論壇(瀋陽: 東北大學), 論文集, 機械工業出版社: 136-139 頁
5. Mao, Chi-Kuo & Ho, Hsu-Hui, 2005, System Dynamics of Corporate Strategy Implementation – An Analysis of Taiwan Chunghwa Telecom's ADSL Initiative, The 2005 Sustainable Development of Asia Pacific International Conference (Shanghai, China)
6. Mao, Chi-Kuo, Principles of Organization Change – A Complex System Perspective, 2005, International Conference of Complex System (Boston, USA)
7. 毛治國, 2005, 組織變革的複雜系統觀, 第三屆中國管理科學與工程論壇(杭州: 浙江大學), 論文集, 電子工業出版社: 1-20 頁
8. 《決策研究新框架的建議》, 2004 年 11 月上海交通大學 第二屆中國管理科學與工程論壇研討會
9. 毛治國, 2004, 決策研究新架構芻議, 第二屆中國管理科學與工程論壇(上海: 上海交通大學), 論文集, 上海三聯書店出版: 101-113 頁

(C) 專書篇章 (Books Chapters)

1. 決策 Decision, 2003, 天下雜誌社
2. 管理 Management, 2018, 交通大學出版社