

Chien-Chiang Lee

AREA of EXPERTISE

International Economics, Banking and Finance, Macroeconomics, Energy Economics.

WORK HISTORY

- 02/09-Present Associate Professor of Department of Finance,
National Sun Yat-sen University
- 02/07-01/09 Associate Professor of Department of Applied
Economics, Chung-Hsien University
- 08/03-01/07 Assistant Professor of Department of Applied
Economics, National Chung-Hsien University
- 01/03-07/03 Assistant Professor of Department of Trade, Shih
Chien University Kaohsiung Campus

EDUCATION

Institute of International Economics, National Chung Cheung University
Ph.D (International Economics), September 1999 - December 2002.

Institute of Economics, National Cheng-Chi University Master of in
Economics, September 1994 - June 1996.

Department of Banking, National Cheng-Chi University Bachelor of
Finance, September 1991 - June 1994.

PUBLICATIONS

Refereed Academic Journals

2009

Lee, C.C. and Chang, C.P. (2009), Stochastic convergence of per capita carbon dioxide emissions and multiple structural breaks in OECD countries, Economic Modelling, Accepted. [SSCI] (NSC

96-2415-H-005 -003 -MY2)

Lee, C.C., Chiu, Y.B. and Sun, C.H. (2009) The Environmental Kuznets Curve Hypothesis for water pollution: Do regions matter? Energy Policy, Accepted. [SSCI] (NSC 96-2415-H-005 -003 -MY2)

Lee, C.C. and Chang, C.P. (2009), FDI, financial development, and economic growth: International evidence, Journal of Applied Economics, forthcoming. [SSCI]

Chang, C.P., Lee, C.C. and Weng, J.H. (2009), Is the secularization hypothesis valid? A panel data assessment for Taiwan, Applied Economics, forthcoming. [SSCI] First Published on: 10 June 2009.

Chang, C.P. and Lee, C.C. (2009), Does candidates' advertising spending help winning? Journal of Economic Policy Reform, 12(3), 201-218. [SSCI]

Wang, K.M., Lee, Y.M., Lee, C.C. (2009), The Relationship between Green Onion Price and Consumer Price: An Application of Asymmetric Threshold Model, Agriculture and Economics, 42, 63-102. [TSSCI] (NSC 94-2415-H-005-003) In Chinese.

2008

Lee, C.C., Chang, C.P. and P.F. Chen (2008) Money demand function vs. monetary integration: Revisiting panel cointegration among GCC countries, Mathematics and Computers in Simulation, 79:1, 85-93. [SCI]

Lee, C.C., Chang, C.P. and P.F. Chen (2008), Energy-Income Causality in OECD Countries Revisited: The Key Role of Capital Stock, Energy Economics, 30:5, 2359-2373. [SSCI] (NSC 95-2415-H-005-002)

Hsu, Y.C., Lee, C.C. and C. C. Lee (2008), Revisited: Are Shocks to Energy Consumption Permanent or Temporary? New Evidence from a Panel SURADF Approach, Energy Economics, 30:5, 2314-2330. [SSCI] (NSC 96-2415-H-005 -003 -MY2)

- Lee, C.C., Chen, P.F. and S.Y. Wong (2008), Asymmetry in Stock Returns and Output Growth, *International Research Journal of Finance and Economics*, Issue 14, 34-50. EuroJournals Publishing, Inc. 2008. [EconLit]
- Lee, C.C. and C.P. Chang (2008) New evidence on the convergence of per capita carbon dioxide emissions from panel seemingly unrelated regressions augmented Dickey-Fuller tests, *Energy-The International Journal*, 33:9, 1468-1475. [SCI] (NSC 96-2415-H-005 -003 -MY2)
- Chen, P.F. and C.C. Lee (2008) Nonlinear adjustments in deviations from the law of one price for wholesale hog prices, *Agricultural Economics*, 39, 123-134. [SSCI] (NSC 94-2415-H-005-003)
- Lee, C.C., Chang, C.P. and P.F. Chen (2008), Do CO2 emission levels converge among 21 OECD countries? New evidence from unit root structural break tests, *Applied Economics Letters*, 15(7), 551-556. [SSCI] (NSC 96-2415-H-005 -003 -MY2)
- Lee, C.C. and C.P. Chang (2008), Long-run money demand in Taiwan revisited: Evidence from a cointegrating STR approach, *Applied Economics*, 40:8, 1061-1071. [SSCI]
- Lee, C.C. and C.P. Chang (2008), Energy consumption and economic growth in Asian economies: A more comprehensive analysis using panel data, *Resource and Energy Economics*, 30:1, 50-65. [SSCI] (NSC 95-2415-H-005-002)
- Lee, C.C. and C.P. Chang (2008), Tourism development and economic growth: A closer look at panels, *Tourism Management*, 29:1, 180-192. [SSCI]
- Lee, C.C. and Chien, M.S. (2008), Stability of money demand function revisited in China, *Applied Economics*, 40, 3185-3197. [SSCI]
- Wu, J. L. and C. C. Lee (2008), A revisit to the non-linear stationarity of real exchange rates, *Applied Economics Letters*, 15:2, 155-159. [SSCI]
- Lee, C.C. and C.P. Chang (2008), Unemployment hysteresis in OECD countries: Centurial time series evidence with structural breaks, *Economic Modelling*, 25:2, 312-325. [SSCI]

Lee, C.C. and M.S. Chien (2008), Structural breaks, tourism development, and economic growth: Evidence from Taiwan, *Mathematics and Computers in Simulation*, 77:4, 358-368. [SCI]

Lee, C.C., Lee, C.C. and Hsiao, J.W. (2008), Structural Breaks in the Real Interest Rate and Inflation: Evidence from Asian, *Journal of the Chinese Statistical Association*, 46:3, 23-243. [EconLit], In Chinese.

Lee, C.C., Lee, J.M. and Hsieh, C.J. (2008), Economic Analysis on the Impact of Smuggling, Prevention and Control Inputs on Taiwan's Broiler Industry, *Agriculture and Economics*, 41, 73-109. [TSSCI] In Chinese.

2007

Lee, C.C., Chen, P.F. and C.P. Chang (2007) Testing linearity in a cointegrating STR model for the money demand function: International evidence from G-7 countries, *Mathematics and Computers in Simulation*, 76, 293-302. [SCI]

Lee, C.C. and S.T. Chen (2007), Nonlinearity in the defence expenditure - economic growth relationship in Taiwan, *Defence and Peace Economics*, 18:6, 537-555. [SSCI]

Lee, C.C. and S.T. Chen (2007), Do defence expenditures spur GDP? A panel analysis from OECD and non-OECD countries, *Defence and Peace Economics*, 18:3, 265-280. [SSCI]

Chen, P.F. and C.C. Lee (2007) Is energy consumption per capita broken stationary? New evidence from regional-based panels, *Energy Policy*, 35:6, 3526-3540. [SSCI] (NSC 95-2415-H-005-002)

Lee, C.C. and C.P. Chang (2007), Energy consumption and GDP revisited: A panel analysis of developed and developing countries, *Energy Economics*, 29 (6), 1206-1223. [SSCI] (NSC 95-2415-H-005-002)

Lee, C.C. and C.P. Chang (2007), A Non-linear Energy-Growth Nexus: Evidence from Taiwan, *Energy-The International Journal*, 32:12, 2282-2294. [SCI]

Lee, C.C., Chang, C.P. and J.D. Lee (2007), Mean reversion of inflation rates in 19 OECD countries: Evidence from panel LM unit root tests with structural breaks, *Economics Bulletin*, 3 (23), 1-15. [EconLit]

2006

Shen, C.H. and C.C. Lee (2006), Same financial development yet differ economic growth-- Why ? , *Journal of Money, Credit and Banking*, 38:7, 1907-1944. [SSCI]

Lee, C.C. (2006), The causality relationship between energy consumption and GDP in G-11 countries, *Energy Policy*, 34:9, 1086-1093. [SSCI]

Lee, C.C. and C.P. Chang (2006), Social security expenditures and economic growth: A heterogeneous panel application, *Journal of Economic Studies*, 33:5, 386-404. [EconLit]

Lee, C.C. and Chang C.P. (2006), The long-run relationship between defence expenditures and GDP in Taiwan, *Defence and Peace Economics*, 17:4, 361-385. [SSCI]

Lee, C.C. and Chang C.P. (2006), Social security expenditure and GDP in OECD countries: A cointegration panel analysis, *International Economic Journal*, 20:3, 303-320. [EconLit]

Lee, C.C. (2006), Financial Development, Economic Growth, and Inflationary Threshold Effects, *Taiwan Economic Forecast and Policy*, 36:2, 77-113. [TSSCI] In Chinese.

Lee, C.C., Chang, P.L., and Chen, P.F. (2006), The Non-linear Model Analysis

of Wholesaler Price in Taiwanese Hog Markets, *Journal of Agricultural Economics*, 80, 59-95. [TSSCI] (NSC 94-2415-H-005-003) In Chinese.

2005

Lee, C.C. (2005), Energy consumption and GDP in developing countries: A cointegrated panel analysis, *Energy Economics*, 27:3, 415-427. [SSCI]

Lee, C.C. and C.P. Chang (2005), Structural breaks, energy consumption, and economic growth revisited: Evidence from Taiwan, *Energy Economics*, 27:6, 857-872. [SSCI]

- Chen, S.T. and C.C. Lee (2005), Government size and economic growth in Taiwan: A threshold regression approach, *Journal of Policy Modeling*, 27:9, 1051-1066. [SSCI]
- Lee, C.C. and S.Y. Wong (2005), Inflationary threshold effects in the relationship between financial development and economic growth: Evidence from Taiwan and Japan, *Journal of Economics Development*, 30:1, 49-69. [EconLit]
- Lee, C.C.(2005), Banking Development, Stock Market Development, and Economic Growth: The Case of Taiwan, *Taiwan Economic Forecast and Policy*, 35:2, 79-105. [TSSCI], In Chinese.
- Lee, C.C., Hung, F.S., Huang, B.N. (2005), Is the Relation between Financial Development and Economic Growth Robust? An Application of Threshold Regression Model, *Taipei Economic Inquiry*, 41:1, 45-74. [TSSCI], In Chinese.

Conference Papers

- Lee, C.C., Chiu, Y. B. and C.H. Sun (2009), Deforestation, Environmental Kuznets Curve, and Threshold Effects: International Evidence, Singapore Economic Review Conference 2009, Singapore, 6 to 8 July, 2009. (NSC96-2415-H-110-008-MY2)
- Chiu, Y.B., Lee, C.C. and C.H. Sun (2009), Trade Imbalance and Real Exchange Rate: heterogeneous panel application, *European Economics and Finance Society (EEFS) 2009 Conference on "Current Challenges in the Global Economy: Prospects and Policy Reforms"*, Warsaw, Poland on 4th – 7th June 2009.
- Lee, C.C., Chiu, Y. B. and C. H. Sun (2008), Does One Size Fit All? A Re-examination of the Environmental Kuznets Curve Using Dynamic Panel Data Approach, The 2008 Australasian Meeting of the Econometric Society will be hosted by the New Zealand Association of Economists at the Wellington Convention Centre, Wellington, New Zealand, 9 to 11 July, 2008. (NSC96-2415-H-110-008-MY2)
- Chen, P.F., Lee, C.C. and Y. B. Chiu (2008), Causal Relationship between Defense Expenditure and Economic Growth: A Dynamic Panel Analysis, Western Economic Association International 82 Annual Conference, Waikiki. (NSC96-2415-H-260-006)

- Lee, C.C., Chang, C.P. and Chen, P.F. (2007), Energy Consumption, Capital Stock and Economic Growth for 22 OECD Countries, Western Economic Association International 82 Annual Conference, June 29-July 3, 2007. (NSC96-2914-I-240-002)
- Hsu, Y.C., Lee, C.C. and C.C. Lee (2007), The Performance of Public Spending in OECD Countries, Western Economic Association International 82 Annual Conference, Seattle, USA, June 29-July 3, 2007.
- Chen, P.F. and C.C. Lee (2007), Nonlinear Adjustment in Deviations from the Law of One Price for the Hog Prices: Evidence from a Nonlinear Approach, International Conference on Econometrics, School of Economics, Chiang Mai University, Thailand. (NSC 94-2415-H-005-003)
- Chang, C. P. and C.C. Lee (2007), Long-Run Demand for Money in China:
 Reassessment from the Bounds Testing Approach, Pacific Rim Conference Preliminary Program, Western Economic Association International, Beijing, China, January 11-14, 2007.
- Hsu, Y.C., Lee, C.C. and C. C. Lee (2007), Are Shocks to Energy Consumption Permanent or Temporary Revisited? New Evidence from a Panel SURADF, Pacific Rim Conference Preliminary Program, Western Economic Association International, Beijing, China, January 11-14, 2007. (NSC 96-2415-H-005 -003-MY2)
- Lin, T.C., Lee, C.C. and M.S. Chien (2007), The Causality Relationship between REITs and Stock Prices in Taiwan, 2007 Annual Conference of the Financial Engineering Association of Taiwan and Taiwan Futures Exchange 10th Anniversary Seminar.
- Chang, C. P., Lee, C.C. and Ying, Y. H. (2005), Religion and Economic Development in Taiwan: Is the Secularization Hypothesis Created? Presented at 80th Annual WEA International Conference, San Francisco Marriott, San Francisco, California, USA, July 4-8, 2005.
- Lee, C.C. and C. P. Chang (2005), Are Taiwan Fruit and Vegetable Prices Stationary? Evidence from Nonlinear Unit-Root Test, 2005 REST-KAEA International Conference on Agricultural

Economics and Resource, July 13, Department of Agricultural Economics, National Taiwan University.

Shen, C. H and C.C. Lee (2005), Same Financial Development Yet Different Economic Growth-but Why? Dr. Sam Chung Hsieh Memorial Conference, Chung-Hua Institution for Economic Research, Taipei, Taiwan, April 24, 2005.

PROJECTS

Period	Title
2009-2011	A Nonlinear Analysis of Energy Demand Model Using Global Data. NSC 98-2410-H-110-069-MY2 , 2009.08.01 ~ 2011.07.31
2007-2009	CO2 emissions and environmental Kuznets curve: Evidence from dynamic panel data. NSC 96-2415-H-110-008-MY2 , 2007.08.01 ~ 2009.07.31
2006-2007	Energy demand model and endogenous structural breaks NSC 95-2415-H-005-002 , 2006.08.01 ~ 2007.07.31
2005-2006	Establishment and Application of a Forecasting Model for Energy Demand and CO2 Green Taxes for Taiwan (I). NSC 95-2623-7-005-006-ET , 2006.01.01 ~ 2006.12.31
2005-2006	Non-linear adjustment in deviations from the law of one price for hog prices: Evidence from a non-linear approach. NSC 94-2415-H-005-003 , 2005.08.01 ~ 2006.07.31
2004-2005	Asymmetric Information, Financial Intermediation and Open Market Operations. NSC 93-2415-H-005-004 , 2004.08.01 ~ 2005.07.31

TEACHING EXPERIENCE 2004-2009

Doctoral	SPECIAL TOPICS IN INTERNATIONAL FINANCE
Master	FINANCIAL ECONOMIC THEORIES AND EMPIRICS
	METHODOLOGY FOR FINANCE (II)
Bachelor	FINANCIAL MARKETS

SERVICES

Year	Title
2006~2007	Journal of Agricultural Economics (TSSCI journal), Executive Editor
2007~	Energy Economics (SSCI journal), Associate Editor
2008~	Taiwanese Agricultural Economic Review (TSSCI journal), Editorial Board
2008~	Journal of Energy Market and Regulation, Editorial Board
2008~	The Open Environmental Journal, Editorial Board
2005~	Refereeing Activities: International Journals, domestic journals, and others

AWARDS

Period	Title
2008	Junior Research Investigators Award, National Chung Hsing University, Taichung, Taiwan
2005-2010	Grant for Research Project, National Science Council, Taipei, Taiwan
2005-2008	Research Award (SSCI award of National Chung Hsing University)

PROFESSIONAL MEMBERSHIPS

Western Economic Association

Taiwan Economic Association

Chinese Finance Association