



Dr Yinhua Mai

Dr Mai is an Associate Professor at the Centre of Policy Studies, Monash University. She has twenty-five years' experience in economic research and consulting. Her previous employment includes the Australian Bureau of Agricultural and Resource Economics in Canberra, the East Asian Institute at the National University of Singapore, and the School of Economics at the University of New South Wales. She holds a PhD in Economics of Development from the Australian National University. She has published widely in quantitative analysis of economic development, trade, energy, and climate change issues.

Dr Mai is experienced in Computable General Equilibrium (CGE) modelling. She has conducted modelling analysis for many clients such as the Australian Department of Foreign Affairs and Trade, Asian Development Bank Institute, Australian Greenhouse Office, Wool Innovation, and ITS Global.

Dr Mai has considerable experience in CGE training and capacity-building projects, and has helped a number of research institutes in China and Malaysia to develop CGE-analysis capacities, such as State Information Centre of National Development and Reform Commission, Hunan University, Shenzhen Academy of Social Sciences, Chinese Ministry of Agriculture, Centre of Forecast Sciences of the Chinese Academy of Sciences, National School of Development of Peking University, and Malaysian Ministry of Finance. These projects involves model and database development, training, and application of the model in the analyses of a broad range of issues such as the economic and social impacts of rural-urban migration, forecasts of transportation demand; effects of carbon tariff; effects of increasing the price for petroleum products; and climate change related issues.

Curriculum Vitae

- Name** Yinhua MAI
- Affiliation** Centre of Policy Studies, Faculty of Business and Economics,
PO Box 11E, Monash University, Victoria 3800, Australia
Located at: Clayton Campus, Wellington Road, Clayton
Tel: 61-3-99055482
yinhua.mai@monash.edu
- Qualification** PhD (Economics of Development), 1995, Australian National University;
Master of Economics of Development, 1989, Australian National University;
Graduate Diploma (Econ. of Dev.), 1988, Australian National University; and
Bsc (Physics), 1982, Beijing Normal University, P. R. China.

Work experience

- Jul 2009– present Director, China Research
Associate Professor (Research)
Centre of Policy Studies, Monash University, Melbourne
- Jul 2007– Jun 2009 Senior Research Fellow (Level D Associate Professor Level)
Centre of Policy Studies, Monash University, Melbourne
- Jul 2001–Jun 2007 Senior Research Fellow (Level C),
Centre of Policy Studies, Monash University, Melbourne
- Jul 1999-Jun 2001 Research Fellow,
East Asian Institute, National University of Singapore
- Feb 1998 – June 1999 Senior Economist,
Australian Bureau of Agricultural and Resource Economics, Canberra
- 1995-1997 Principal Research Officer,
Australian Bureau of Agricultural and Resource Economics, Canberra
- 1994 Senior Research Officer,
Australian Bureau of Agricultural and Resource Economics, Canberra
- 1993 Associate Lecturer in Economics,
School of Economics, University of New South Wales, Sydney
- 1989-1992 Associate Lecturer in Economics and PhD Candidate,
National Centre for Development Studies,

Australian National University, Canberra

1987-1988 Research Assistant,
Australian National University, Canberra

Areas of expertise

- Expertise in policy applications of Computable General Equilibrium modeling;
- Expertise in CGE training and capacity building projects;
- Expertise in China research;
- Expertise in international trade and economics of development issues, and
- Expertise in energy and agricultural issues.

Professional membership

Chinese Economic Association (Australia)
The GTAP network
Economic Society of Australia

Supervision of Graduate Students

- Xiujian Peng: PhD graduated March 2005;
- Unchana U. Beadnok: Master of Philosophy graduated November 2006;
- Hunan PhD students: providing supervision to six Hunan PhD students through an AUSAID funded projects from 2006 to 2009;
- Pathomdanai Ponjan: commenced in 2008;
- He Yu: commenced in 2009;
- Chen Wen: Hunan PhD student visiting CoPS for one year commenced January 2011;
- Meenachi Muniandy: commenced April 2011.
- Shenhao Feng: PhD student enrolled at the Australian National University commenced 2011.

Teaching Experience

- Tutor, Public Policy, Australian National University, 1992;
- Tutor, first year Microeconomics, School of Economics, University of New South Wales, 1993;
- Lecturer ECC3650, ETX5443, Faculty of Business and Economics, Monash University 2009, 2010, 2011, 2013;

- Lecturer and Chief Examiner ECC5730, Faculty of Business and Economics, Monash University 2012, 2013;
- Lecturer and organizer, CoPS Practical GE, Dynamic GE, and Database Courses in China 2007, 2008, 2009, 2010, 2011, 2013; and
- Lecturer and organizer CoPS Dynamic GE courses in Malaysia 2010, 2011.

Referee of journal articles

- *China Economic Review*
- *China Perspective*
- *China: an international journal*
- *The Journal of International Trade and Economic Development*
- *Elsevier: Energy Policy*
- *Journal of integrative agriculture*

Thesis examination

- PhD and Master Theses for Nanyang Technological University, Singapore.
- PhD thesis for Australian National University.

Capacity-Building Projects

Since 2006, I have been leading CoPS research and capacity-building projects in China. My responsibilities in these projects are:

- design projects;
- negotiate contracts with project funding bodies mostly Australian and Chinese government departments, research institutions, and international organisations;
- project administration;
- develop tailor made models;
- provide policy consultation in the application of the tailor-made models;
- organise and lecture training courses: since 2006, CoPS conducted 3 Practical GE, 3 Dynamic GE and 2 Database training courses in China and provided training to 220 participants; and

- develop and sale of the CHINAGEM model, a MONASH-style dynamic model of China, in a package including the model, GEMPACK software and technical consultation.

Since 2006, CoPS has provided CGE capacity-building to the following institutions in China:

- State Information Centre of National Development and Reform Commission;
- School of Business and Economics, Hunan University;
- Shen Zhen Academy of Social Sciences;
- Centre of Forecast Sciences, Chinese Academy of Sciences;
- National School of Development, Peking University; and
- Agriculture Trade Promotion Centre, Chinese Ministry of Agriculture.

These capacity-building projects have covered a broad range of policy applications:

- Agriculture commodities
- Labour market, population aging, rural urban migration
- Services sectors: housing market, social security system
- Climate change and other environmental issues
- Energy demand and pricing
- Five-year economic plans

Academic and Consulting Activities Since 2003

1. July–October 2013: teaching fifth-year unit ECC5730 “Advanced Applied General Equilibrium Analysis”.
2. August-September 2013, working with Prof Zhao Bo from CCER, Peking University on ChinaGem project – modeling China’s domestic interest rate reform.
3. 6-14 July 2013: Dynamic GE Modelling Course, Beijing, China.
4. June 2013: Presentation “Increasing China’s Coal-Fired Power Generation Efficiency – Impact on China’s Carbon Intensity and the Broader Economy to 2020” at the 16th Annual Conference on Global Economic Analysis 12-14 June 2013, Shanghai, China.

5. April 2013: visiting National School of Development, Peking University. Working on CHINAGEM project economic and environmental impact of scenarios of wind and solar power generation.
6. January 2013: visiting State Information Centre, National Development and Reform Commission, presentation of economic and environmental impact of scenarios of improving coal using efficiency in coal fired electricity generation at the project workshop "*The design and development of cost-effective market mechanism for carbon mitigation in China*".
7. July-October 2012: teaching fifth-year unit ECC5730 "Advanced applied general equilibrium analysis".
8. October 2012, presentation in Washington at the US International Trade Commission "ChinaGem – a Dynamic CGE Model of China and Estimating China's Rural Surplus Labour".
9. June 2012: provide consultation to the State Information Centre modeling team visiting CoPS.
10. April 2012: commence climate change modeling project with Department of Climate Change and Energy Efficiency and State Information Centre of National Development and Reform Commission.
11. Feb 2012: visiting Malaysia Ministry of Human Resource, presentation.
12. Dec 2011: visiting Chinese Academy of Sciences and Ministry of Agriculture (CHINAGEM projects and presentations)
13. Nov 2011: visiting Malaysia MOF, one week training course and consulting working on three policy simulations.
14. Oct 2011: visiting Malaysia MOF, one week training course and consulting, working on three policy simulations.
15. August 2011: visiting ATPC, Chinese Ministry of Agriculture, CHINAGEM project (historical, business-as-usual projection and scenario analysis on wheat)

16. April 2011: Visiting Centre of forecast Sciences, Chinese Academy of Sciences, working on economy housing project.
17. 26 April 2011: presentation at Agricultural Trade Promotion Center, Chinese Ministry of Agriculture.
18. April 2011: Practical GE training course and constructing a CGE database course Beijing 16-24 April.
19. Dec 2010: Visiting Centre of Forecast Sciences, Chinese Academy of Sciences, working on economy housing project.
20. 6 Dec 2010: Conference at State Information Centre, NDRC, "Australia-China Environment Development Partnership: Impact of Climate Change on Economic Development and Policy Options in China"
21. 24-27 August 2010: visiting Zhejiang University, lectures on simulation modeling for policy analysis.
22. 20-22 July 2010: visiting Centre of Forecast Sciences, Chinese Academy of Sciences, working on CHINAGEM project.
23. 12-16 July 2010: Dynamic training course for Malaysian Ministry of Finance.
24. 18 June 2010: visiting Centre of Forecast Sciences, Chinese Academy of Sciences, working on CHINAGEM project.
25. 17 June 2010: visiting Chinese Academy of Agricultural Sciences, presentation of CHINAGEM.
26. 14-15 June 2010: presentation of CHINAGEM baseline at the "Workshop on the Development and Use of Applied General Equilibrium Model Dynamic Baselines for Policy Analysis" jointly organized by US International Trade Commission and Shanghai WTO Affairs Consultation Center.
27. 27-29 April 2010: presentation at Shenzhen Academy of Social Sciences. Working on CHINAGEM project with Prof Dong.

28. 26 April 2010: Presentations at Center for Chinese Agricultural Policy, Chinese Academy of Sciences.
29. 19-24 April 2010: Dynamic GE training course Beijing 2010.
30. 12-16 April 2010: consultation for State Information Centre modeling team. SIC-CAGP project conference (15-16 April).
31. Feb-Mar 2010: working on CHINAGEM project with Prof Dong from Shenzhen Academy of Social Sciences.
32. Jan 2010: visiting to CoPS of the State Information Centre modeling team working on effects of carbon tariff and emission accounting equations in SICGE model.
33. Oct 2009: visiting State Information Centre consultation on CAGP policy projects (effects of increasing social security coverage for rural-urban migrant workers; transportation demand forecast; and effects of increasing the price for petroleum projects in China).
34. April 2009: Practical GE training course in Beijing at TsingHua University, followed by one week consultation at State Information Centre.
35. Oct 2008: Visiting SIC providing consultation on model development and policy applications.
36. 12-23 May 2008: hosting visitors from State Information Centre, working on energy paper to be presented at the GTAP conference; working on rural-urban migration data; working on 2002 CGE database for SICGE2.
37. 3-5 April 2008: Visiting State Information Centre discussing database issues and Rural urban migration data. Visited RCRE of Chinese Ministry of Agriculture regarding their fixed sample survey of rural-urban migration data.
38. 2 April 2008: Presentation at Chinese Academy of Social Sciences.
39. 26 March 2008 – 1 April: Dynamic CGE training course and database training course in Hunan University, Changsha, presenting SICGE1.
40. 2-6 October 2007: presentation of modeling analysis of the effects of Australia-Republic of Korea Free Trade Agreements in Seoul.

41. July 2007: hosting visitors from State Information Centre and Hunan University for the AUSAID project (modeling capacity building for State Information Centre). The visitors attended Practical GE and Database training courses; learned how to develop a baseline for a dynamic model; and worked on a project on “estimating energy efficiency in China’s major energy using industries”.
42. 7-9 June 2007: presenting “MMC: the Monash-Multi-Country Model and the Investment Liberalisation in China’s Oil Industry” at the 10th Annual Conference on Global Economic Analysis 7-9 June 2007, Purdue University, USA.
43. 23 May – 2 June 2007: presentation at the State-Information-Centre (SIC) Project Inaugural Workshop 29 May 2007 in Beijing.
44. 17 May 2007: meeting with Korean researchers at ITS Global (an economic consulting firm based in Melbourne) to discuss modeling assumptions of an Australia-Korea Free Trade Agreement. The study is commissioned by the Australian Department of Foreign Affairs and Trade.
45. 20 April 2007: presentation at a workshop hosted by CoPS for a Chinese delegation from Development Research Centre of the State Council, National Development and Reform Commission, State Information Centre, and China Australia Governance Program of AUSAID. The purpose of their visit was to investigate the application of CGE modeling in public policy debate in Australia.
46. 28 September 2006: interpretation for Peter Dixon during his keynote speech “Computable General Equilibrium Modeling: Past, Contribution and Future” at Trade Policy Roundtable No. 1 “CGE modeling and Trade Policy Analysis”, organized by the China Centre for Economic Research, Peking University, Beijing.
47. 21-27 September 2006: Dynamic GE Modeling Course: the MC-HUGE model, Hunan University, Changsha, P. R. China.
48. 10 April 2006: presentation “Trade liberalisation scenarios for wool under an Australia-China Free Trade Agreement” at the Workshop on Sino-Australian Free Trade for Wool, 10 April 2006, Sino-Europe Hotel, Beijing.

49. 3-7 April 2006: providing supervision to six PhD students at Hunan University.
50. 20-26 February 2006: Practical GE Modelling Course at Hunan University Changsha, P. R. China.
51. 12 January 2006: presentation at the Initiating Workshop for the project "The Impact of China's Rapid Growth on the Terms of Trade of Neighbouring Countries", Asian Development Bank Institute, Tokyo.
52. 2-5 November 2005: presentation "Removing border protection on wheat and rice: effects on farm income and food securities in China", at The 2005 Agricultural Trade Policy Dialogue, 2-5 November 2005 Beijing.
53. 7-8 November 2005: Visiting Hunan University, negotiating contract for a commissioned model development and training project.
54. Jan 2005: presentation and interpretation for Peter Dixon at a workshop hosted by CoPS for a Chinese delegation from Chinese Ministry of Commerce.
55. Dec 2004: presentation at DFAT on modelling results of a potential Australia-China FTA.
56. Oct 2004: presentation at DFTA on preliminary modelling results of a potential Australia-China FTA.
57. Sep-Oct 2004: providing on-the-job training for visitors from Chinese Academy of Social Science and Nankai University.
58. Aug 2004: conference on Australia China FTA, 12-13 August 2004, Sydney.
59. Jun 2004: presentation "Effects of Reducing Tariffs and Endogenous Productivity Growth" at the 7th GTAP Annual conference, Washington D.C.
60. May 2004: presentation at DFAT for the Australia-China FTA tender.
61. Jun 2003: presentation "Estimating the Effects of China's accession to the World Trade Organisation" at the 6th Annual Conference on Global Economic Analysis June 12-14 2003, Scheveningen, The Hague, The Netherlands.

Publication List

Articles:

- Xuemei Jiang, Yinhua Mai, and Shouyang Wang, forthcoming, "Wo Guo Hong Guang Jing Ji - Fang Di Chang Dong Tai Ke Ji Suang Yi Bang Jun Heng Mo Xin Yan Jou" (The Study on Dynamic Computable General Equilibrium Model for China's Real Estate and Macro-Economy), *Xi Tong Gong Chen Li Lun Yu Shi Jian* (System Engineering Theory and Practice), Beijing, China.
- Mai, Y., Peng, X., and Chen, W., 2013, "How fast is population aging in China?" *Asian Population Studies*. DOI:10.1080/17441730.2013.797295
- Mai, Y., Peng, X. J., Dixon, P., and Rimmer, M. 2013. "The economic effects of facilitating the flow of rural workers to urban employment in China", *Papers in Regional Science*. DOI: 10.1111/pirs.12004.
- Mai, Y. and Peng, X., 2012. "Estimating the size of rural labour surplus in China – A dynamic general equilibrium analysis", *The Chinese Economy*, Vol.45(5)
- Yinhua Mai, Philip Adams, Peter Dixon, and Jayant Menon, 2010 "The Growth Locomotive of the People's Republic of China: Macro and Terms-of-Trade Impacts on Neighbouring Countries", *Asian Development Review* Vol27, Number 2, pp82-121.
- Mai, Y., 2008. "Removing border protection on wheat and rice: effects on rural income and food self-sufficiency in China", *The Australian Journal of Agricultural and Resource Economics*, 52, pp.113-131.
- Mai, Y., 2002, "An analysis of EU anti-dumping cases against China", *Asia-Pacific Development Journal*, 9(2):131-150.
- Mai, Y. H., 2002, "The Petroleum Sector After China's Entry Into the WTO" *China Perspectives*, No. 41 pp.24-32.
- Mai, Y. H., 2001, "China builds oil giants to reach global resources", *EAI Background Brief*, No. 88. East Asian Institute, Singapore.
- Mai, Yin H. and Luo, Q. 1999, 'Sino-US Trade Accord (II): Analysis', *EAI Background Brief* No. 50, East Asian Institute, Singapore.
- Donovan, D., and Mai, Yin H. 1996, 'APEC trade liberalisation: the effect of increased capital mobility', *Australian Commodities*, Vol.3, No.4, ABARE, Canberra.

Phillips, B. Winton, J. and Mai, Yin H., 1994, 'Rice: opening North East Asian rice markets, implications for Australia', *Australian Commodities*, Vol. 1, No. 2, ABARE, Canberra.

Book Chapters:

Feng, S. and Mai, Y. 2013, "Increasing China's coal-fired power generation efficiency – Impact on China's carbon intensity and the broader economy to 2020" in *Market Mechanisms for China's Carbon Emission Reductions: Economics, Modelling and International Experiences*, State Information Centre, National Development and Reform Commission, Beijing, China.

Mai, Y., and Dong, X. 2011. "Reducing tax, domestic demand, and new growth model: a dynamic CGE analysis" in Li, C., and Li, Y., eds. *China Economy Development Strategy, Modern Economic Development Strategy Series*, No. 9. Intellectual Property Right Publishing House, China.

Mai, Y. and Adams, P. 2009. 'Resources Sector and Foreign Investment' in Jayasuriya, S. Magee, G. and MacLaren D. eds. *Australia and China: Negotiating a Preferential Trading Agreement*, Edward Elgar Publishing.

Mai, Yinhua, 2005. 'China's Entry to the WTO: effects of reducing tariff and non-tariff barriers and endogenous productivity growth', in Smyth, R., Tam O. K., Warner M., and Zhu, C eds., *China's Business Reforms: Institutional Challenges in a Globalized Economy*, RoutledgeCurzon: New York.

Mai, Y. H., 2001, "China's WTO Entry and Reform of SOEs", in Li Xuesong and Arjan Lejour eds., *WTO Membership and Prospects of Chinese Economy*, China Financial Publishing House, Beijing.

Wong, J., Mai, Yin H. and Luo, Q. 1999, 'Sino-US Trade Accord and China's Accession to the World Trade Organization', *EAI Contemporary China Series No. 27*, East Asian Institute, Singapore.

Stevenson, A., Schneider, K., Mai, Y. H., and Stuart, R. 1998, 'Trade liberalisation in APEC - impacts on energy markets', in *Outlook 98*, Proceedings of National Agricultural and Resources Outlook conference, Canberra, 3-5 February, Vol.3, *Minerals and energy*, ABARE, Canberra, pp.95-102.

Mai, Yin H., Brown, S., and Feng, L., 1998, 'Trade liberalisation within a unilateral, regional and global context', in Y. Wu and Q Ye eds., *China's Reform and Economic Growth*, NCDS Asia Pacific Press, Canberra.

Mai, Yin H., Wofffenden, K., Hanslow, K. and Vanzetti, D. 1996, 'APEC trade liberalisation: implications for the European Union', *Conference Proceedings*, VIIIth European Association of Agriculture Economics Congress, Edinburgh, 3–7 September.

Podbury, T., Ladlow, S., Mai, Y. H., Atisuthaphot, A. and Rose, R. 1996, 'Implications of APEC for Australian Agriculture', in *Outlook 96*, Proceedings of National Agricultural and Resources Outlook conference, Canberra, 6–8 February, Vol. 2, *Agriculture*, ABARE, Canberra, pp.29–38.

Mai, Yin H., 1994, 'The effects of Protecting Capital and Skill-Intensive Manufacturing on Industrial Upgrading in the Asian NIEs', in Guonan Ma, Zin Meng and Shujuan Lin eds. *Chinese and East Asian Economies in the 1990s*, The Australian National University, Canberra.

Mai, Yinhua, 1994, 'The role of policy in industrial upgrading in Asian NIEs: an introduction', in *China in the 1990s: Dissertation Research 1988-1993*, National Centre for Development Studies, Canberra.

Books/Monographs:

Mai, Yin H., and Perkins, Frances, 1997, *China's State Owned Enterprises – Nine Case Studies*, Briefing Paper Series, No. 7, East Asia Analytical Unit, Department of Foreign Affairs and Trade, Australia.

Conference and Working Papers:

Mai, Y. Dixon, P.H. and Rimmer, M.T. 2010 "CHINAGEM: A MONASH-style Dynamic CGE model of China", CoPS Working Paper No. G-208 Centre of Policy Studies, Melbourne.

Mai, Y. Peng, X. Dixon, P.H. and Rimmer, M.T. 2009 "The effects of facilitating the flow of rural workers to urban employment in China" CoPS Working Paper No. G-188, Centre of Policy Studies, Melbourne.

Mai, Y. and Peng, X. 2009 "Estimating the size of the rural labour surplus in China – a dynamic general equilibrium analysis", CoPS Working Paper No. G-189, Centre of Policy Studies, Melbourne.

Mai, Y. Adams, P and Dixon P. B. 2009 "China's growing demand for energy and primary inputs – terms of trade effects on neighbouring countries", CoPS Working Paper No. G-196, Centre of Policy Studies, Melbourne.

Peng, X. and Mai, Y., 2008. "Population Ageing, Labour Market Reform and Economic Growth in China - A Dynamic General Equilibrium Analysis", CoPS Working Paper No. G-174,

Centre of Policy Studies, Melbourne.

- Mai, Y., 2006. "The Chinese Economy from 1997-2015: Developing a Baseline for the MC-HUGE Model", CoPS Working Paper No. G-160, Centre of Policy Studies, Melbourne.
- Mai, Y., 2006. "Removing Border Protection on Wheat and Rice: Effects on Rural Income and Food Securities in China", CoPS Working Paper No. G-160, Centre of Policy Studies, Melbourne. Paper presented at The 2005 Agricultural Trade Policy Dialogue, 3-5 November 2005 Beijing.
- Mai, Y. and Adams, P., 2005 'Trade liberalisation scenarios for wool under an Australia-China Free Trade Agreement', paper presented at the Workshop on Sino-Australian Free Trade for Wool, 10 April 2006, Sino-Europe Hotel, Beijing.
- Mai, Y., Adams, P., Fan, M., Li, R., and Zheng, Z., 2005. 'Modelling the Potential benefits of an Australia-China Free Trade Agreement', CoPS Working Paper No. G-153, Centre of Policy Studies, Melbourne.
- Mai, Y., 2004. 'The Monash-Multi-Country (MMC) Model and the investment liberalisation in China's oil industry', CoPS working paper No. G-150, Centre of Policy Studies, Melbourne. Paper to be presented at the 10th Annual Conference on Global Economic Analysis 7-9 June 2007, Purdue University, USA.
- Mai, Yinhua, 2003. 'Effects of Reducing Tariffs and Endogenous Productivity Growth', CoPS working paper, No. G-139, Centre of Policy Studies, Melbourne. Paper presented at the 7th Annual Conference on Global Economic Analysis June 2004 World Bank, Washington DC.
- Mai, Yinhua, Mark Horridge, and Frances Perkins, 2003, 'Estimating the Effects of China's accession to the World Trade Organisation', CoPS working paper, No. G-137, Centre of Policy Studies, Melbourne. Paper presented at the 6th Annual Conference on Global Economic Analysis June 12-14 2003, Scheveningen, The Hague, The Netherlands.
- Adams, P. D., and Mai, Y. H., 2002, "Three Future Scenarios for Greenhouse Gas Emissions by Region in Australia", Paper presented at 5th Conference on Global Economic Analysis, June 5-7, 2002, Grand Hotel, Taipei.
- Mai, Yin H., 2000, "China in WTO: challenges and opportunities for South East Asian countries", Paper presented at "Review and Retrospect: Seminar on the 10th Anniversary of the Establishment of the Diplomatic Relations Between China and Singapore", 18 September 2000, Mandarin Singapore
- Mai, Yin H., 2000, "China's marketisation process and WTO", paper presented at the International Conference "China: Growth Sustainability in the 21st Century", September 9-10, 2000, Canberra.

- Mai, Y. H., 2001, 'Can the new Chinese oil giants survive market competition after China's WTO entry?' *EAI working paper*, No. 74. East Asian Institute, Singapore.
- Mai, Yin H., 2000, 'An analysis of EU anti-dumping cases against China', *EAI working paper* No. 59, East Asian Institute, National University of Singapore.
- Mai, Yin H., 2000, "China's WTO entry: the impact on the SOE sector", *EAI working paper* No. 54, East Asian Institute, National University of Singapore.
- Kennedy, D., Mai, Yin H., and Vanzetti, D., 1995, 'Australia's agricultural exports: implications of APEC trade policy reform', paper presented at Regional Outlook Conference, 9–10 November 1995, Queensland, Australia.
- Murtough, G. Mai, Yin H., Zheng, S. and Vanzetti, D., 1994, 'APEC trade liberalisation post Uruguay Round: a general equilibrium analysis', paper presented at 23rd Conference of Economists, 25–28 September 1994, Gold Coast International Hotel, Queensland, Australia.
- Mai, Yin Hua, 1993, 'Capital Mobility and Industrial Upgrading in the Asian NIEs: A Regional General Equilibrium View', *Discussion Paper* 93/14, School of Economics, University of New South Wales.
- Cabalu, Helen, Jytte Laursen, David Pearce, David Vincent, and Mai Yinhua, 1991, *The Asian Model*, NCDS Working Paper No.91/14, National Centre for Development Studies, Australian National University.

Consulting reports:

- Mai, Y., and Dixon, P., 2013. "Modelling the Effects of Interest Rate Liberalisation in China", report prepared for National School of Development, Peking University.
- Mai, Y., and Peng, X., 2013. "Effects of Increasing the Share of Wind Power in Electricity Generation in China", report prepared for National School of Development, Peking University.
- Mai, Y., Adams, P., Dixon, P., 2009. "China's Growing Demand for Energy and Primary Inputs – Terms of Trade Effects on Neighbouring Countries", consulting report prepared for Asian Development Bank Institute, Tokyo.
- Mai, Y., 2007. "Modelling the effects of an Australia-Republic of Korea Free Trade Agreement", consulting report prepared for ITS Global and Department of Foreign Affairs and Trade, Melbourne.

- Mai, Y. 2006. "Impact of removing multi-fibre arrangements on the Chinese textiles and clothing industries and the Australian wool industry", consulting report prepared for Australian Wool Innovation Ltd.
- Mai, Y. 2005. 'Removing border protection on Wheat and Rice: Effects on Farm Income and Food Securities in China', consulting paper prepared for The 2005 Agricultural Trade Policy Dialogue.
- Mai, Y., and Adams, P. 2005 "Trade Liberalisation Scenarios for Wool under an Australia-China FTA", consulting report for ITS Global and Wool Innovation, Melbourne.
- Mai, Y., 2005. "Modelling the Potential Benefits of an Australia-China Free Trade Agreement: Impact on Australian States and Territories", consulting report for the Department of Foreign Affairs and Trade.
- Mai, Y., Adams, P., Fan M., Li, R., and Zheng, Z., 2005. "Modelling the Potential Benefits of an Australia-China Free Trade Agreement", An Independent Report Prepared for The Australia-China FTA Feasibility Study.
- Dixon, Peter B., Yinhua Mai and Maureen T. Rimmer, 2003. 'The Textile, Clothing and Footwear Sector from 1997 to 2020 and the Effects of Reductions in Assistance', Consultancy report for Productivity Commission.
- Mai, Y. and Horridge, M. 2003 'Modelling the Impact of a Free Trade Agreement between China and Australia', consulting report for Economic Analytical Unit, Department of Foreign Affairs and Trade, Canberra.
- Mai, Y. and Madden, J. R. 2002. 'Economic Consequences of Certain Tourism Scenarios', Consultancy report for Allen Consulting.
- Mai, Y. and Horridge M. 2002. 'Modelling the Impact of China's WTO accession on Australian Business Opportunities', Consultancy report for Economic Analytical Unit, Department of Foreign Affairs and Trade, Canberra.
- Adams, P D, and Mai, Y. 2002, 'Projection of Greenhouse Gas Emissions for the Stationary Energy Sector to 2020', consultancy report for Australian Greenhouse Office, Canberra.
- Mai, Y H, and Adams, P, 2001 'Model-based analysis of the effects of FRC in Queensland', Consultancy report for ENERGEX.
- Dixon, P. B., and Mai, Y. 2001, 'Model-based analysis of the effects of providing lower cost and faster telecommunications in South Australia', Consultancy report for South Australian Department of Industry and Trade, Adelaide.
- Mai, Yin H., 1999, 'Financial reform, corporate debt restructuring and corporate governance: post

- crisis reforms in Thailand', Consultancy report for East Asian Analytical Unit, Australian Department of Foreign Affairs and Trade, Canberra.
- Mai, Yin H. and Geisler, C. 1997, 'Indonesian Agribusiness and Agro-Industry to 2020', ABARE consultancy report, Canberra.
- Mai, Yin H. 1996, 'Reform of State-Owned Enterprises in China: issues and case studies' ABARE consultancy report, Canberra.
- Mai, Yin H. and Brown S. 1996, 'Trade liberalisation in China within a unilateral, regional and global context', ABARE consultancy report, Canberra.
- Mai, Yin H., Woffenden, Kate, and Hanslow, Kevin, 1995, 'General equilibrium analysis of APEC trade liberalisation: implications for New Zealand', ABARE consultancy report, Canberra.
- Tulpule, V., and Mai, Yin H. 1995, 'The impact of carbon taxes in OECD countries on world coal trade', ABARE consultancy report, Canberra.

PhD thesis

- Mai, Yin H., 1994, *The role of policy in industrial upgrading in the Asian NIEs*, PhD thesis, National Centre for Development Studies, The Australian National University, Canberra.

Acknowledged for research leading to the following books:

- Economic Analytical Unit, 2002, *China Embraces the World Market*, Department of Foreign Affairs and Trade, Canberra.
- East Asian Analytical Unit, 2000, *Transforming Thailand: Choices for the New Millennium*, Department of Foreign Affairs and Trade, Canberra.
- East Asian Analytical Unit, 1997, *China Embraces the Market: Achievements, constraints and Opportunities*, Department of Foreign Affairs and Trade, Canberra.
- ABARE and Department of Foreign Affairs and Trade 1995, *Global Climate Change: Economic Dimensions of a Cooperative International Policy Response Beyond 2000*, ABARE, Canberra.

Articles submitted and to be submitted during 2013-2015:

Mai, Y., and Peng, X., "Labour market reform, rural migration and income inequality in China – a dynamic general equilibrium analysis" *Journal of Development Studies*.

Peng, X., and Mai, Y., "The economic implications of raising retirement age in China - a dynamic general equilibrium analysis" *Asian Population Studies*.

Mai, Y., "Estimating China's Carbon Price Using a Dynamic CGE Model of China, ChinaGem", *Energy Economics*.

Mai, Y., "Technological Upgrading and China's Target in Emission-Intensity Reduction", *Energy Journal*.

Xu, J., Mai, Y., and Peng, X. "The economic and environmental impact of China's renewable energy policy: the potential of wind and solar power" *Environmental and Resource Economics*.

Mai, Y., "Estimating China's Productivity Growth: a Dynamic CGE Approach" *Journal of Productivity Analysis*

Mai, Y., "Forecasting China's CO2 emission: a Dynamic CGE Approach" *Journal of Forecasting*

Zhao, Bo., Mai, Y., Yao, Y., and Dixon, P, "The effects of China's interest rate reform: improved resource allocation between industries", *Journal of Financial Economics*.