

## Associate Professor Renuka Mahadevan

**Residential Status:** Australian Permanent Resident

**Citizenship:** Singaporean

**Mailing Address:** School of Economics, The University of Queensland,  
Qld 4072, Australia

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### Professional Experience

Employed at the School of Economics, The University of Queensland, since July 1999.

June 90 – Feb 1994: Employed by the Singapore Ministry of Education as Lecturer  
at the Pre University Level.

**Research and Teaching Interests**    Applied Econometrics  
International and Development Economics  
Technological Change and Productivity Growth  
Computable General Equilibrium Modelling

### Education

<u>Year</u>	<u>Name of Degree</u>	<u>University</u>
1999	PhD in Economics	Australian National University
1995	Master of Economics	Australian National University
1990	Postgraduate Diploma In Education	Institute of Education, Singapore
1989	Honours in Economics	National University of Singapore
1988	Bachelor of Science (Mathematics and Economics)	National University of Singapore

### External Grants

2006	International Centre for the Study of East Asian Development	(A\$12 000)
2005	World Bank-East Asian Development Network Individual Research Grant	(US\$13 000)
2004	Australian Centre for International Agricultural Research	(A\$400 000)

## **Publications**

### **Books**

1. Asafu-adjaye, J., and Mahadevan, R., (2010) *Managing Macroeconomic Policies for Sustainable Growth: A Computable General Equilibrium Inquiry*, Edward Elgar, Cheltenham, UK. Forthcoming.
2. Mahadevan, R., and Asafu-adjaye, J., (2008) *Agricultural Development and Trade Liberalisation: Implications for a Small Island State*, Nova Publishers, New York.
3. Mahadevan, R., (2007) *Sustainable Growth and Economic Development: A Case Study of Malaysia*, Edward Elgar, Cheltenham, UK.
4. Mahadevan, R., (2004) *The Economics of Productivity in Asia and Australia*, Edward Elgar, Cheltenham, UK.
5. Mahadevan, R., (2002) *New Currents in Productivity Analysis - Where To Now?*, Asian Productivity Organisation, Tokyo.

### **Journal Articles**

1. Mahadevan, R., and Asafu-Adjaye, J., 'The Implications of EU Sugar Price Cuts, Economic Partnership Agreement and Development Aid for Fiji', Contemporary Economic Policy, 2010, vol.28, no.1: 52-64.
2. Mahadevan, R., and Suardi, S., 'Revisiting the Trade-Growth Nexus: Dynamic Effects of Trade and Output Volatility' Journal of Economic Studies, 2010, vol.37, no.4, Forthcoming.
3. Mahadevan, R., 'Rough Global Tide and Political Storm in Fiji Calls for Swimming Hard and Fast With A Different Stroke', Pacific Economic Bulletin, 2009, vol.29, no.2: 1-23
4. Mahadevan, R. 'The Withdrawal of EU Sugar Preferences and the Bitter-Sweet Reform Pill for Fiji', Pacific Economic Bulletin, 2009, vol. 29, no.2: 82-94.
5. Asafu-Adjaye, J., and Mahadevan, R., 'Regional Trade Agreements Versus Global Trade Liberalisation: Which Way Forward for a Small Island State?', World Economy, 2009, vol.32, no.3: 509-529.
6. Mahadevan, R., 'The Sustainability of the Export-led Growth Hypothesis: The Singapore Experience', Journal of Developing Areas, 2009, vol.34, no.1: 233-248.
7. Mahadevan, R., 'The Viability of Fiji's Sugar Industry', Journal of Economic Studies, 2009, vol.36, no.4: 309-325.
8. Mahadevan, R., 'The Less Than Sweet Solution to Fiji's Sugar Industry Problems', Journal of International Development, 2009, vol.21: 126-136.

9. Mahadevan, R., and Suardi, S., 'A Dynamic Analysis of Uncertainty on Import and/or Export-led Growth: The Experience of the Japan and the Asian Tigers', Japan and the World Economy, 2008, vol.20: 155-174.
10. Mahadevan, R., 'The Twin Challenges of Efficiency and Soil Erosion in Fiji's Sugar Industry', Ecological Economics, 2008, vol.66: 468-477.
11. Mahadevan, R., 'New Evidence on the Trade-Growth Nexus: A Case Study of Malaysia', The World Economy, 2007, vol.30, no.7: 1069-1083.
12. Mahadevan, R., 'The Poverty Transition: When, How and What Next?', Journal of International Development, 2007, vol.19, no.8: 1099-1113.
13. Mahadevan, R., 'Perspiration vs Inspiration: Lessons from a Rapidly Developing Economy', Journal of Asian Economics, 2007, vol.18, no.2: 331-347.
14. Mahadevan, R., and Asafu-Adjaye, J., 'Energy Consumption, Economic Growth and Prices: A Reassessment using Panel VECM for Developed and Developing Countries', Energy Policy, 2007, vol.35, no.4: 2481-2490.
15. Mahadevan, R., 'Poverty in Malaysia: New Wine in Old Bottle?', Indian Development Review, 2006, vol.4, no.2: 301-321.
16. Mahadevan, R., 'Growth with Equity: The Malaysian Case', Asia Pacific Development Journal, 2006, vol.13, no.1: 27-52.
17. Mahadevan, R., and Asafu-Adjaye, J., 'Is There a Case for Low Inflation Induced Productivity Growth in Selected Asian Economies?' Contemporary Economic Policy, 2006, vol.24, no.2: 249-261.
18. Mahadevan, R., and Asafu-Adjaye, J., 'The Productivity-Inflation Nexus: The Case of the Australian Mining Sector', Energy Economics, 2005, vol.27: 209-224.
19. Mahadevan, R., 'To Measure or Not To Measure TFP Growth? Comment on "Unequivocal No" Reply', Oxford Development Studies, 2004, vol.32, no.2: 329-300.
20. Mahadevan, R., 'To Measure or Not To Measure TFP Growth?', Oxford Development Studies, 2003, vol.31, no.3: 365-378.
21. Mahadevan, R., 'Productivity Growth in Indian Agriculture: The Role of Globalisation and Economic Reform' Asia-Pacific Development Journal, 2003, vol.10, no.2: 57-72.
22. Mahadevan, R., and Kim, Sangho, 'Is Output Growth of Korean Manufacturing Firms Productivity-Driven?' Journal of Asian Economics, 2003, vol.14: 669-678.
23. Asafu-Adjaye, J., and Mahadevan, R., 'How Cost Efficient are Australia's Mining Industries?', Energy Economics, 2003, vol.25, no.4: 315-329.
24. Mahadevan, R., 'What Is and Is Not Measured by the Total Factor Productivity Growth Studies in Malaysia?' Malaysian Journal of Economic Studies, 2002, vol.39, no.1&2:

- 21-31.
25. Mahadevan, R., 'Perspiration Versus Inspiration in Malaysian Industrialisation', Economia Internazionale/International Economics, 2002, vol. 55, no.4: 500-519.
  26. Mahadevan, R., 'A Frontier Approach to Measuring Total Factor Productivity Growth in Singapore's Services Sector', Journal of Economic Studies, 2002, vol.29, no.1: 48-58.
  27. Mahadevan, R., and Kalirajan, K.P., 'How Income Elastic is the Consumers' Demand for Services in Singapore?', International Economic Journal, 2002, vol.16, no.1: 95-104.
  28. Mahadevan, R., 'Trade Liberalization and Productivity Growth in Australian Manufacturing Industries', Atlantic Economic Journal, 2002, vol.30, no.2: 170-185.
  29. Asafu-Adjaye, J., and Mahadevan, R., 'The Welfare Effects of the Australian Goods and Services Tax', Singapore Economic Review, 2002, vol.47, no.1: 49-63.
  30. Mahadevan, R., 'Is There A Real TFP Growth Measure for Malaysia's Manufacturing Sector?', ASEAN Economic Bulletin, 2002, vol.19, no.2: 178-190.
  31. Mahadevan, R., 'Productivity Growth in Australian Manufacturing Sector: Some New Evidence', Applied Economics Letters, 2002, vol.9, no.15: 1017-1023.
  32. Mahadevan, R., 'Has Korean Manufacturing Production Reached its Full Potential?', Economic Analysis and Policy, 2002, vol.32, no.2: 251-260.
  33. Mahadevan, R., 'A DEA Approach to Understanding the Productivity Growth of Malaysia's Manufacturing Industries', Asia Pacific Journal of Management, 2002, vol.19, no.4: 587-600.
  34. Mahadevan, R., 'Assessing the Output and Productivity Growth of Malaysia's Manufacturing Sector', Journal of Asian Economics, 2001, vol.12, no.4: 587-597.
  35. Mahadevan, R., and Kim, Sangho, 'Did Financial Deregulation Since the 1980s Prior to 1997 Affect the Efficiency Performance of Korean Banks?', Journal of Quantitative Economics, 2001, vol.16, no.1&2: 81-100.
  36. Mahadevan, R., and Asafu-Adjaye, J., 'Impact Assessment of Some Pollution Abatement Policies with Macroeconomic Adjustments in Australia', Pacific and Asian Journal of Energy, 2001, vol.11, no.2: 109-128.
  37. Mahadevan, R., 'Sources of Output Growth in Singapore's Services Sector', Empirical Economics, 2000, vol.25: 495-506.
  38. Mahadevan, R., 'How Technically Efficient are Singapore's Manufacturing Industries?', Applied Economics, 2000, vol.32, no.15: 2007-2014.
  39. Mahadevan, R., and Kalirajan, K.P., 'Singapore's Manufacturing Sector's TFP Growth: A Decomposition Analysis', Journal of Comparative Economics, 2000, vol.28: 828-839.

40. Mahadevan, R., 'How Productive is Foreign Direct Investment in the Malaysian Manufacturing Sector?', Journal of Quantitative Economics, 2000, vol.15, no.1&2: 1-29.
41. Mahadevan, R., and Kalirajan, K.P., 'On Measuring Total Factor Productivity Growth in Singapore's Manufacturing Industries', Applied Economics Letters, 1999, vol.6: 295-298.
42. Mahadevan, R., 'Total Factor Productivity Growth in Singapore: A Survey', ASEAN Economic Bulletin, 1999, vol.16, no.1: 51-67.

### **Book Chapters**

1. Mahadevan, R., 'How Successful is Poverty Alleviation in Malaysia?', in Tisdell, C., (ed. 2007) *Poverty, Poverty Alleviation, and Social Disadvantage: Analysis, Case Studies and Policies*, Volume 3, Serial Publication, New Delhi.
2. Mahadevan, R., 'Malaysia in the Era of Globalisation' in Tisdell, C., (ed. 2005) *Globalisation and World Economic Policies: Studies Highlighting Effects and Policy Responses of Nations and Country Groups*, Serial Publication, New Delhi.
3. Mahadevan, R., 'The Malaysian Path to Sustainable Development in the Manufacturing Sector?', in Hew, D., (ed. 2008) *Institute of Southeast Asian Studies Conference Proceedings*, Singapore, Forthcoming.

### **Book Reviews**

1. 'The Future of Foreign Investment in Southeast Asia', (eds. 2004) *ASEAN Economic Bulletin* 2004, vol.21, no.3.
2. 'A Disequilibrium Macroeconometric Model for the Indian Economy', *Australian Journal of Agricultural and Resource Economics* 2004, vol.48, no.3.
3. 'Productivity and Economic Performance in the Asia-Pacific Region' (eds. 2002) *ASEAN Economic Bulletin* 2002, vol.19, no.2.
4. 'Accelerating Growth Through Globalization of Indian Agriculture' (eds. 2001) *Journal of Economic Studies* 2002, vol.29, no.2.
5. 'Competitiveness of The Singapore Economy: A Strategic Perspective' (ed.1998) *ASEAN Economic Bulletin* 2000, vol.17, no.1.
6. 'Productivity and Growth in Chinese Agriculture' (ed. 1999) *Asia Pacific Journal of Economics and Business* 1999, vol.3, no.2.

## **Invitations**

1. Invited speaker at the Fiji Update at the University of South Pacific in Suva, Fiji, and at the Parliament House in Canberra, 28<sup>th</sup> July and 11<sup>th</sup> Aug 2009.
2. Invited paper on Singapore's Economic Outlook for the years 2010 and 2011 for the Institute of Southeast Asian Studies, Singapore.
3. Invited as UN Independent Expert and Panel Chair at the Asia Pacific Model United Nations Conference in Brisbane, 13<sup>th</sup> July 2009.
4. Invited speaker as the guest of honour at the Rotary Club of Giza Cosmopolitan in Cairo, 25<sup>th</sup> Sep 2007.
5. Invited speaker at the Conference on the Malaysian Economy, organised by the Institute of Southeast Asian Studies, Singapore, 25<sup>th</sup>-26<sup>th</sup> Jan 2007.
6. Invited speaker at the National Statistics Conference, organised by the Department of Statistics, Malaysia, 4-5<sup>th</sup> Sept 2006.
7. Invited panel speaker at Trade Justice Policy Forum, organised by the University of Queensland Union, 31<sup>st</sup> May 2005.

## **Media**

Interviewed for *Berita Harian* 27 Jan 2007 (The Malay Newspaper in Singapore) for views on the Malaysian economy's sustainability.

'Low sugar prices to affect Fiji' Interviewed and article published in the *Fijisun*, 17<sup>th</sup> July 2008. Downloadable from [http://www.fijisun.com.fj/news\\_main/in\\_search.asp#](http://www.fijisun.com.fj/news_main/in_search.asp#) when you type in type 'sugar erosion' into their search engine.

Televised report on 'Soil Erosion in Fiji Farms' shown on the "In-depth" segment on Fiji National News, 14<sup>th</sup> July 2008.

Televised report on 'Fiji's Economic Survey' on Fiji National News, 29<sup>th</sup> July 2009.

Report on Fiji's Growth Prospects in Australian Financial Review, 11 Aug 2009.

Interviewed on ABC Radio Australia for views on Fiji's Sugar Industry and Economic Times for their Pacific Beat Program telecast on 12 and 13 Aug 2009.

## **Other Professional Services**

- Associate editor, Malaysian Journal of Economic Studies since Jan 2007.
- Co-editor, ASEAN Economic Bulletin, 2007-2009.
- Invited Reviewer of the course on "Research Methods and Computer Applications in Economics" for the African Economic Research Consortium in Nairobi, 2009
- Chief Expert, Asian Productivity Organisation, Mar 03-Mar 04.
- Assessed grant applications for the World Bank's Oceania Development Network Program and Central and Eastern Europe Program in 2004 and 2005.
- Guest Editor for Economic Analysis and Policy, Sept 2002 Issue.
- Executive Director, Economic Society of Australia, Queensland Branch, Mar 01-Mar 02.
- Advisory Council, Economic Society of Australia, Queensland Branch, Mar 00-Mar 01.
- Reviewed articles for Economic Inquiry, Agricultural Economics, Journal of Comparative

Economics, Empirical Economics, Economic Record, Energy Economics, Energy Policy, amongst many others.

- External Examiner for Masters and PhD Theses from Singapore, University of New Castle, Queensland University of Technology, Curtin University, and University of New South Wales.

### **Economics Courses taught at the University of Queensland**

Introductory Macroeconomics	(1 <sup>st</sup> year undergrad, about 1200 students)
Introductory Econometrics	(1 <sup>st</sup> year undergrad, about 250 students)
Mathematical Economics	(1 <sup>st</sup> year undergrad, about 90 students)
Microeconomic Theory	(2 <sup>nd</sup> year undergrad, about 300 students)
Applied Econometrics	(postgrad & 3 <sup>rd</sup> year undergrad, about 40 students)
Advanced Managerial Economics	(postgrad, about 15 students)
Inter-Industry Economic Modelling	(postgrad and honours, about 8 students)

### **Postgraduate Supervision at the University of Queensland**

- 40% associate supervision of Yapa Bandara who was awarded PhD in Jan 2004.
- 40% associate supervision of Chris Nadarajah who was awarded MPhil in Dec 2006.
- 80% principal supervision of Waisiki Gonetaimuba who was awarded MPhil in Dec 2008.
- 70% principal supervision of Sunil Kumar who was awarded PhD in Jan 2009.
- 30% associate supervision of three PhD students since Aug 2007.
- 100% principal supervision of one PhD student since Feb 2008.

### **Services at the University of Queensland**

- Member of the Interview and Appointment Committee at the American Economic Association Meeting in New Orleans, Jan 2008.
- Member of Postdoctoral Appointment Committee for ARC Federation Fellow, Aug 2007.
- Member of the Promotion and Continuous Appointment Committee, 2004 and 2005.
- Member of Executive Committee, School of Economics, 2006.
- Member of the Teaching and Learning Committee, School of Economics, since July 1999.
- Acting Teaching and Learning Committee Chair, School of Economics, 2006.
- Member of the Marketing Committee, School of Economics, 2000 – 2003.
- Mentor in the Women and Leadership Program in 2001.
- Advisor to the Student Chapter of the Economic Society of Australia, 2000-2004.