


## Curriculum Vitae

**VU MINH KHUONG**

**Associate Professor**

**Lee Kuan Yew School of Public Policy, National University of Singapore**

	<b>Contact:</b> + Telephone: (65) 6516-8695 + Fax: (65) 6775-6471 + Email: <a href="mailto:sppkmv@nus.edu.sg">sppkmv@nus.edu.sg</a>	<b>Mailing Address:</b> LKY School of Public Policy, NUS 469C Bukit Timah Road, Singapore 259772
	<b>Research Interests:</b> Economic growth, competitiveness, productivity, impacts of ICT on development and digital transformation, and ASEAN economic integration	

Dr. Vu Minh Khuong is an Associate Professor at the Lee Kuan Yew School of Public Policy (National University of Singapore). His research and teaching concentrate on economic development and policy analysis.

Professor Vu has published two books and more than 20 papers in prestigious academic journals, including *Journal of Policy Analysis and Management*, *Information Economics and Policy*, *Telecommunication Policy*, *Scandinavian Journal of Economics*, *German Economics Review*, *Journal of Structural Change and Economic Dynamics*, *Journal of Contemporary Economic Policy*, *Energy Policy*, *Journal of Policy Modeling*, *Asian Economics Papers*, and *Economics Letters*. He also frequently writes press articles for newspapers and other media, focusing on development policy issues.

Professor Vu (together with co-author Boyd Fuller) won the 2011 Best Article Award from the Public and Non-Profit Division of the Academy of Management (USA). He has also won the highest awards for research and teaching at the Lee Kuan Yew School: the LKY School Research Excellence Award (in 2012) and the LKY School Annual Teaching Excellence Award (in 2009 and 2011).

Professor Vu has provided extensive consulting and advisory services to international organizations and government agencies, including UNIDO, UNDP, IMF, World Bank, IFC, ILO, APO, USAID, KPMG, Monetary Authority of Singapore (MAS), Infocomm Development Authority of Singapore (IDA), Media Development Authority of Singapore (MDA), the Financial and Budgetary Committee of Vietnam's National Assembly, and the Ministry of Planning and Investment of Vietnam. Before transitioning into academia, Professor Vu had held various government positions in Vietnam, including Deputy Chief of the Haiphong City Government Office, Vice-Chairman of Dinh Vu Economic Zone, and Research Associate at the Prime Minister's Advisory Commission.

Elected CEO of the Song Cam Chemical Company by workers and staff in 1988, Professor Vu presided over a major turnaround of the company. Thanks to this experience and success, he was awarded a Fulbright Scholarship to pursue an MBA at Harvard Business School in 1993.

---

Professor Vu received a BA in Mathematics from Hanoi University (with highest honours) and an MBA and PhD from Harvard University. Prior to his arrival at the Lee Kuan Yew School, he taught at Suffolk University (Boston) and Keio University (Tokyo). He is a member of the Editorial Board of the *Journal of Telecommunications Policy* and the *Journal of East Asian Policy*.

## Education

---

**Ph.D in Public Policy** **Harvard University, 2005**

- Thesis: *Information and Communication Technology and Global Economic Growth: Contributions, Impacts, and Policy Implications*
- Thesis Committee: Dale W. Jorgenson (Primary Adviser), Dwight Perkins, Robert Jensen

**M.B.A.** **Harvard Business School, 1995**

**B.A. (Highest Honours), Mathematics** **Hanoi National University, 1980**

## Employment Experience

---

**Assistant and Associate Professor** **Singapore**  
*Lee Kuan Yew School of Public Policy,* 2006 – Present  
*National University of Singapore*

**Guest Associate Professor** **Tokyo, Japan**  
*Faculty of Business and Commerce, Keio University* May 2006 – June 2006

**Visiting Assistant Professor** **Boston, USA**  
*Sawyer Business School, Suffolk University* 2005 – 2006

**Research Associate** **Cambridge, MA, USA**  
*Program on Technology and Economic Policy,* 2004 – 2006  
*Harvard Kennedy School of Government*

**Research Associate** **Hanoi, Vietnam**  
*Prime Minister's Research Commission* 1998 – 1999

**Chief Economic Adviser** **Haiphong City, Vietnam**  
*City Mayor's Office* 1996 – 1998

**Vice-Chairman** **Haiphong City, Vietnam**  
*Dinh Vu Economic Zone* 1996 – 1999

**Senior Consultant** **Washington D.C., USA**  
*Barents Group of KPMG Consulting* 1995 – 1996

**Chief Executive Officer**  
*Song Cam Chemical Company*

**Haiphong City, Vietnam**  
1988 – 1992

**Chief Financial Officer**  
*Song Cam Chemical Company*

**Haiphong City, Vietnam**  
1986 – 1988

**Computer Programming Analyst**  
*Computing Center, Vietnam National Power Company No. 2*

**Ho Chi Minh City**  
1983 – 1986

**Army Officer**  
*Corp. 318*

**Vung Tau, Vietnam**  
1981 – 1983

---

### Awards and Scholarships

---

- The Research Excellence Award, Lee Kuan Yew School of Public Policy, 2012.
- A winner of the Best Journal Article Award from the Academy of Management (Public and Non-profit Division), 2011.
- The Annual Teaching Excellence Award, Lee Kuan Yew School of Public Policy, 2011.
- The Annual Teaching Excellence Award, Lee Kuan Yew School of Public Policy, 2009.
- Dean's Award for Excellence in Student Teaching, Harvard Kennedy School of Government, Harvard University, 2003.
- Fulbright Scholarship, 1993-1995.
- Ministry of Education Award for the Most Distinguished University Graduates, 1980.

---

### Academic Service

---

- **Editorial Board Memberships:** *Journal of Telecommunications Policy* (since 2013); *Journal of Asian Policy* (since 2009).
- **Managing Guest Editor:** *Journal of Telecommunications Policy*, Special Issue on Effects of ICT on Economic Growth and Structural Change (2014-15).
- **Reviewer:** *Economica*, *Journal of Development Economics*, *World Development*, *Journal of Economic Geography*, *Telecommunications Policy*, *Oxford Development Studies*, *Empirical Economics*, *Journal of International Development*, *International Journal of Public Administration*, *Technological Forecasting & Social Change*, *Technology in Society*, and *Journal of Southeast Asian Economies*.

## Publications

### Books

---

*The Dynamics of Economic Growth: Policy Insights from Comparative Analyses in Asia*, Edward Elgar, January 2014.

*Việt Nam hành trình đi đến phồn vinh (Vietnam: The Voyage to Prosperity)*, second edition, Knowledge Publishing House, August 2013 (first edition: 2011).

### Refereed Articles

---

“Structural Change and Economic Growth: Empirical Evidence and Policy Insights from Asian Economies”, *Structural Change and Economic Dynamics*, 2017, 41 (April-June): 64–77.  
<https://doi.org/10.1016/j.strueco.2017.04.002>

“The Outlook for Advanced Economies” (with Dale Jorgenson), *Journal of Policy Modeling*, 39 (4), 2017  
<https://doi.org/10.1016/j.jpolmod.2016.05.010>

“ICT Diffusion and Production in ASEAN Countries: Patterns, Performance, and Policy Directions”, *Telecommunications Policy*, 2017 (forthcoming).  
<https://doi.org/10.1016/j.telpol.2017.04.005>

“Embracing globalization to promote industrialization: Insights from the development of Singapore's petrochemicals industry” *China Economic Review*, 2017 (forthcoming).  
<https://doi.org/10.1016/j.chieco.2017.01.003>

“The Outlook for Emerging Economies” (with Dale Jorgenson), *Journal of Policy Modeling* 38 (4): 670–682, 2016

“The Impact of ICT Investment on Economic Growth: A Global View”, (with Dale Jorgenson) *Telecommunications Policy*, 40 (5): 381-382, 2016.

“The ICT revolution, world economic growth, and policy issues”, (with Dale Jorgenson) *Telecommunications Policy*, 40 (5): 383-397, 2016.

"Can Vietnam Achieve More Robust Economic Growth? Insights from a Comparative Analysis of Economic Reforms in Vietnam and China, *Journal of Southeast Asian Economies*, 31(1) April, 2015.

“Effects of China and India on manufactured exports of the G7 economies,” *Contemporary Economic Policy*, 33 (2): 265–278, April 2015.

“Utility sector performance post reforms: investigating the South Asian economies,” (with Anjula Gurtoo), *Poverty and Public Policy* 6(2): 157–175, 2014.

“The Institutional Root Causes of the Challenges to Vietnam’s Long-Term Economic Growth,” *Asian Economics Papers*, MIT Press, 15.1 (2014).

“Information and Communication Technology (ICT) and Singapore’s Economic Growth,” *Journal of Information Economics and Policy* 25.4 (2013): 284–300.

“The Emergence of the new economic order: Growth in the G7 and the G20,” (with Dale W. Jorgenson), *Journal of Policy Modelling* 35.3 (2013).

“A Note on Interpreting the Beta Convergence Effect,” *Economics Letters* 118.1 (2013): 46–49.

“Sources of Singapore’s Economic Growth, 1965–2008: Trends, Patterns and Policy Implications,” *Journal of Southeast Asian Economies* 28.3 (2011): 315–336.

“The Rise of Developing Asia and the New Economic Order,” (with Dale W. Jorgenson), *Journal of Policy Modelling* 33.5 (2011): 698–716.

“ICT as a Source of Economic Growth in the Information Age: Empirical Evidence from the 1996–2005 Period,” *Telecommunications Policy* 35.4 (2011): 357–372.

“Exploring the Dynamics of Policy Interaction: Feedback among and Impacts from Multiple, Concurrently Applied Policy Approaches for Promoting Collaboration,” (with Boyd Fuller), *Journal of Policy Analysis and Management* 30.2 (2011): 359–380. (Winner of the 2011 best journal article award from the Public and Non-profit Division of Academy of Management, USA).

“Potential Growth of the World Economy,” (with Dale W. Jorgenson), *Journal of Policy Modelling* 32.5 (2010): 615–631.

“The Use of E-Government to Create Public Value in Developing Countries: Some Conceptual Issues,” *The 6th International Conference on e-Government Proceedings*, 30th September and 1st October 2010 (listed in the Thomson Reuters ISI Index); published by Academic Publishing Limited, Reading, UK, September 2010; ISBN: 978-1-906638-76-4.

“Developing Asia: A Comparative View of Energy Issues and Policy Implications,” (with Benjamin Sovacool), *East Asian Policy* 2.3 (2010).

“Policy Recommendations for Enhancing Vietnam’s Economic Competitiveness and Development,” *Vietnam Economic Management Review*, CIEM, Ministry of Planning and Investment, No. 33, July-August 2010.

“Sources of Singapore’s Economic Growth 1990-2009” (in collaboration with the Monetary Authority of Singapore), *Macroeconomic Review*, Volume IX, Issue 1, April 2010.

“The Barriers to Energy Efficiency in China: Assessing Household Electricity Savings and Consumer Behavior in Liaoning Province,” (with Feng Dianshu and Benjamin Sovacool), *Energy Policy* 38.2 (2010): 1202-1209.

“Projecting World Economic Growth: The Contribution of Information Technology,” (with Dale W. Jorgenson), *The Review of Socionetwork Strategies* 3.2 (2009): 35-49.

“Economic Reform and Performance: A Comparative Study of China and Vietnam,” *China: An International Journal* 7.2 (2009): 217-253.

“India-Vietnam: A Comparative Analysis of Economic Performance,” (with Mukul Asher), *International Journal of Business Insights* 2.1 (2009): 4-16.

“Growth Accounting within the International Comparison Program,” (with Dale W. Jorgenson), *World Bank ICP Bulletin* 6.1 (2009): 3-13.

“Information Technology and the World Growth Resurgence,” (with Dale W. Jorgenson), *German Economic Review* 8.2 (2007): 125-145.

“Information Technology and the World Economy,” (with Dale W. Jorgenson), *Scandinavian Journal of Economics* 107.4 (2005): 631-650; reprinted in Manuel Castells and Gustavo Cardoso, *The Network Society*, Washington, Johns Hopkins Center for Transatlantic Relations, pp. 71-124, 2006; Portuguese translation in Castells and Cardoso, *A Sociedade em Rede*, Lisbon, Imprensa Nacional, pp. 65-114, 2006.

“A Comparative Analysis of Growth Performance of Vietnam vs. China,” *Vietnam Economic Studies*, July 2002.

“Vietnam: Promoting Economic Growth with the Lever of the Knowledge Economy,” *Vietnam Economic Studies*, August 2001.

“An Analysis of Efficiency and Competitiveness of Vietnam’s Economy,” *Vietnam Economic Studies*, June 2000.

---

### Working Papers

“Promoting Smart Cities in Developing Countries: Policy Insights from Vietnam” (with Kris Hartley), 2016.

“The Dynamics of Deindustrialization in Developed Countries amidst Accelerated Globalization: The Case of the G7 Economies”, 2016

“Vietnam’s Economic Growth and Policy Challenges”, 2016

“The practice of industrial policy: Lessons for Africa: Co-ordination through an Asian lens, (with Justin Lin), *WIDER Working Paper 2014/156*, World Institute for Development Economics Research, United Nation University, December, 2014.

---

### Book chapters/Published conference papers/Published reports

---

“Co-ordination through an Asian Lens”, (with Justin Lin) in John Page and Finn Tarp (Eds), *The Practice of Industrial Policy*, Oxford University Press, April, 2017.

“Vietnam’s Embrace of ICT for Economic Development: Success and Future Challenges” (with Robert Austin) Case Study, *Ivey Publishing*, 2015.

“Improving Efficiency and Effectiveness of Public Administration, Management, and Governance: What Can Vietnam Learn from International Experience?” (with Eduardo Araral and Nguyen Ngoc Anh), published by United Nations Development Program (UNDP), October 2011.

“Использование революции ИКТ в направлении экономического роста развивающихся стран: политика изменений” (Embracing the ICT revolution to promote economic growth in developing countries: policy challenges) in Leonid Melnyk and M. V. Bryukhanov (eds), *Социально-экономические проблемы информационного общества*, University Book, University of Sumy, Ukraine, September 2010; ISBN: 978-966-680-499-3.

“The Irish Catch-up Success and Reflections on Vietnam’s Economic Reforms,” in M. O’Sullivan and R. Miller (eds), *What Did We Do Right? Global Perspectives on Ireland's Miracle*, Blackhall Publishing, January 2010; ISBN: 1842181920.

“Latin America and the World Economy,” (with Dale W. Jorgenson), in Mario Cimoli, André A. Hofman, and Nanno Mulder (eds), *Innovation and Economic Development: The Impact of Information and Communications Technologies in Latin America*, Edward Elgar, 2010. ISBN 9781849802413. The Spanish version: “América Latina y la economía mundial,” in Ariel A. Coremberg and Francisco Pérez García (Eds), *Fuentes del crecimiento y productividad en europa y américa latina*, Foudation BBVA, Madrid, 2010.

“Information Technology and the World Economy,” (with Dale W. Jorgenson), in Steven N. Durlauf and Lawrence E. Blume (eds), *The New Palgrave Dictionary of Economics*, Palgrave Macmillan, May 2008.

“E-Government and Business Competitiveness: A Policy Review,” (with Richard Jones and Darrell West), USAID/VNCI Policy Paper #7, May 2006; available at [http://www.vnci.org/sites/default/files/VNCI\\_No7\\_E-Government\\_Finalreport.pdf](http://www.vnci.org/sites/default/files/VNCI_No7_E-Government_Finalreport.pdf).

“Asia Rising: Patterns of Economic Development and Growth,” (with Florence Jaumotte, Helene Poirson, and Nicola Spatafora), Chapter 3 in *World Economic Outlook: Financial Systems and Economic Cycles*, IMF, Washington DC, September 2006; available at <http://www.imf.org/external/pubs/ft/weo/2006/02/pdf/c3.pdf>.

“A Global Perspective on the ICT Penetration and Economic Growth in Asia: Issues and Policy Implications,” in *Challenges of Economic Policy Reform in Asia*, Center for International Development, Stanford University, 2006; available at <http://scid.stanford.edu/events/PanAsia/Papers/papersonly.html>.

“The Competitiveness of Vietnam’s Three Largest Cities,” (with Jonathan Haughton), IFC/MPDF, Private Sector Development Discussion Series, 2004; available at [http://www.ifc.org/ifcext/mekongpsdf.nsf/AttachmentsByTitle/PSDP+17/\\$FILE/PSDP-No-17-+EN.pdf](http://www.ifc.org/ifcext/mekongpsdf.nsf/AttachmentsByTitle/PSDP+17/$FILE/PSDP-No-17-+EN.pdf)

---

### Short Articles

---

The Formation of the ASEAN Economic Community (AEC) & Policy Issues for Japan's Globalization Strategy, *Japan SPOTLIGHT*, Japan Economic Foundation, March 2016.

“Vietnam needs to focus on productivity in its next wave of reforms,” *The East Asia Forum*, Australian National University, February 13, 2015.

“Vietnam plays catch-up with China’s successful reforms,” *The East Asia Forum*, Australian National University, December 13, 2013.

“Building ASEAN as a Learning Community” (with Kris Hartley), *The East Asia Forum*, Australian National University, November 29, 2013.

“Information Technologies and the Rise of Asia” (with Dale W. Jorgenson), *Global-is-Asian*, Issue 10, June, 2011.



Vietnam Outlook, in *Regional Outlook*, 2011-2012, Institute of Southeast Asian Studies, 2011, ISSN: 0218-3056; ISBN: 978-981-4311-00-7.

“Vietnam: Macroeconomic Challenges and the Road to Prosperity,” *The East Asia Forum*, Australian National University, November 17, 2010.

“Vietnam: Today Determines Tomorrow,” *The East Asia Forum Quarterly*, Australian National University, Volume 2, Issue 2, April-June 2010.

---

### Selected recent articles in Vietnamese Newspapers

---

“Khát vọng lớn - nền móng yếu - khó đi xa,” *Tuoi Tre*, 08/02/2017, available at

<http://tuoitre.vn/tin/chinh-tri-xa-hoi/20170208/khat-vong-lon-nen-mong-yeu-kho-di-xa/1261420.html>

“Hãy trỗi dậy, Việt Nam!,” *Tuoi Tre*, 31/12/2016, available at

<http://tuoitre.vn/tin/chinh-tri-xa-hoi/thoi-su-suy-nghi/20161231/hay-troi-day-viet-nam/1244935.html>; and <https://www.youtube.com/watch?v=DMAyRjirWRg>

“Việt Nam sẽ mạnh hơn ngàn lần nếu tiết trừ nạn chạy chọt, gian dối.” *Voice of Vietnam*, 04/08/2016; available at

<http://vov.vn/chinh-tri/viet-nam-se-manh-hon-ngan-lan-neu-tiet-tru-nan-chay-chot-gian-doi-536673.vov>

“Việt Nam nên sớm thực hiện kiểm toán chiến lược”, *Vietnam Economics Times*, 05/05/2016; available at

<http://vneconomy.vn/thoi-su/viet-nam-nen-som-thuc-hien-kiem-toan-chien-luoc-2016050406191401.htm>

“To improve Ho Chi Minh City: Aspirations for advancement”, TUOI TRE NEWS, 12/17/2015; available at

<http://tuoitrenews.vn/city-diary/32276/to-improve-ho-chi-minh-city-aspirations-for-advancement>

“Nâng tầm chiến lược”, *Saigon Times*, 09/07/2015, available at

<http://www.thesaigontimes.vn/132762/Nang-tam-chien-luoc---doi-hoi-cua-dat-nuoc.html>

