

Abdul Azeez Erumban
Curriculum Vitae

February 18, 2020

Personal

Citizenship: Netherlands, Overseas Citizenship of India (OCI).
Born on: 08th May 1975

Current Position: Assistant Professor, University of Groningen;
Senior Research Fellow, The Conference Board

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Short description: Abdul Erumban is an assistant professor at the University of Groningen (RuG) and a senior research fellow at the Conference Board (TCB). He has been teaching and researching at the University since 2009, but moved to the Conference Board as a senior economist in 2013, during which he reduced his university engagement to a minimal level. In 2020, he moved back fully to academics and joined the University on a full-time basis. As a well-motivated and ambitious academic and business researcher, teacher, and presenter in the field of economics, he has excellent:

- research and analytical skills,
- ability to handle large datasets using appropriate econometric and statistical tools,
- interpersonal skills and a passion for working in teams
- writing and communication skills
- experience in translating complex academic inferences to business language, and
- experience working with several C-suite business leaders

His research centers on the fields of productivity, technological change, structural change, digital transformation and its impact, globalization, global value chain, and international comparisons of economic development. At the Conference Board, he was in charge of developing a research portfolio around global economic outlook, global productivity comparisons (the Total Economy Database), and global value chain. He was also an active contributor to TCB's research on emerging markets, global consumer confidence, digitization and productivity, labor shortages, and diversification and productivity in the Gulf Cooperation Council countries. At the University, he was involved in several large

research projects undertaken by the Groningen Growth and Development Centre, including the World Input-output Database (WIOD). He has also taught several courses, including international economics, statistics, comparative country studies, research methods, global political economy, and international business environment. Being an active participant in the [KLEMS](#) research initiatives aimed to understand productivity dynamics in the world's major economies, he sustains a good relationship with international networks. Moreover, he maintains a special interest in issues related to economic development in India and is an external researcher to the [India KLEMS](#) project.

Currently, he also has a Senior Research Fellowship from the Kuwait Foundation for the Advancement of Sciences, through the Conference Board Gulf Center, supporting research on productivity and labor market dynamics in the GCC countries.

Professional Qualifications

- 2011: *Training in University Teaching (Basis Kwalificatie Onderwijs, BKO)*. University of Groningen, Groningen, the Netherlands.
- 2008: *Ph.D. in Economics*. University of Groningen, Groningen, the Netherlands.
- 2000: *M.Phil. in Applied Economics*. Centre for Development Studies, Trivandrum (Jawaharlal Nehru University, New Delhi), India
- 1997: *M.A. in Development Economics*. Dr. John Matthai Centre, Trichur (Department of Economics, University of Calicut, Calicut), India
- 1995: *B.A. in Economics*. University of Calicut, Calicut, India

Skills/Competencies

- Teaching, research, and analytical skills
- Ability to handle large datasets using appropriate quantitative, econometric and statistical tools
- Experience in deriving policy insights and business implications
- Excellent writing and communication skills
- Proficiency in working with software such as Ms Excel, Ms Word, Ms Powerpoint, Matlab, Stata, Eviews, and SPSS

Languages: English (fluent), Malayalam (fluent), Dutch (basic), Hindi (basic)

Professional Experience

- 2020 (1fte): Assistant Professor, University of Groningen
- 2013 – 2020 (1fte): Senior Economist, The Conference Board
- 2013 – 2019 (0.2fte): Assistant Professor, University of Groningen
- 2010 – 2013 (1fte): Assistant Professor, University of Groningen
- 2008 – 2010 (1fte): Post-doc, University of Groningen
- 2003 – 2008 (1fte): Ph.D., University of Groningen

- 1999 – 2003 (1fte): University Grants Commission - Junior Research Fellow, Centre for Development Studies, Trivandrum, India

Teaching, and supervision

- 2020: *Global Political Economy, and International Business*, University of Groningen.
- 2013 – present: *Comparative Country Studies*, University of Groningen.
- 2011 – 2013: *Research Methods I*, University of Groningen.
- 2010 – 2012: *International Economics 2b*, University of Groningen.
- 2009 – 2013: *Statistics 2*, University of Groningen.
- 2009 – 2013: *Mathematics & Data Analysis*, University of Groningen.
- 2005 – 2008: *International Monetary Economics*, University of Groningen.
- 1999 – 2000: *Production functions: Theory and Estimation*, Centre for Development Studies, Trivandrum, India.
- 2013-present: Approx. 4-5 Master thesis supervision every year

Other activities

- Several C-suite council presentations to European Business leaders since 2013
- Technical advisor, Asia KLEMS project
- External researcher, India KLEMS project, Reserve Bank of India
- Advisory board member, Groningen Indian Students Association, University of Groningen
- **Referee:** Review of *Income and Wealth*, *Structural Change & Economic Dynamics*, *Economics Systems Research*, *Telecommunication Policy*, *Applied Economics*, *World Development*, *Quarterly Review of Economics and Finance*, *Applied Economics*

Select Fellowships/ awards

- 2020: Senior Research Fellow, The Conference Board Gulf Center, Kuwait, Kuwait Foundation for the Advancement of Sciences: "Labor market dynamics in the GCC economies."
- 2018: European Commission Fellowship Initiative 2018-2019 "Productivity and Innovation Competencies in the Midst of the Digital Transformation Age: An EU-US Comparison", together with Bart van Ark and Klaas de Vries
- 2017: Passion for excellence award, The Conference Board
- 2016: One of the staff members chosen to ring the closing bell of the New York Stock exchange, on the occasion of the centenary celebration of the Conference Board.
- 2010: Best poster award for the paper "*Formal-informal linkages and informal sector dynamics: evidence from India*" at the 31st General Conference of The International Association for Research in Income and Wealth St. Gallen,

Switzerland, August 22-28, 2010 (coauthored with Janneke Pieters, Ana I. Moreno-Monroy)

- 2003: Best paper award for the paper “*Cross Country differences in ICT adoption: A consequence of culture*” in SOM competition-2003, University of Groningen, Groningen, the Netherlands (coauthored with Simon de Jong)
- 1999: Junior Research Fellowship by the University Grants Commission, India.
- 1998: Fellowship by Teachers’ *welfare foundation*, India for Masters Studies

Select Publications (Journal Articles/Book Chapters)

(2019), An Analysis of Global Value Chain Incomes in Indian Industries, In S. Aggarwal., D.K. Das., and R. Banga (eds.), *Accelerators of India's Growth—Industry, Trade and Employment*, Festschrift in Honor of Bishwanath Goldar, Springer

with Das, D.K., Mallick, J., and Das, P.C (2019), Economic growth in India during 1950–2015: Nehruvian socialism to market capitalism, *Journal of Economic Surveys*, December 2019. doi:10.1111/joes.12350

with Das, D.K (2019), ICT investment and economic growth in India: An industry perspective, In D. Maiti, F. Castellacci and A. Melchior (eds.), *Digitalisation and Development: Issues for India and Beyond*, Springer,
<https://www.springer.com/gp/book/9789811399954#aboutBook>.

with Das, D.K., Aggarwal, S, and Das, P (2019), Structural Change and Economic Growth in India, *Structural Change and Economic Dynamics*, 51, 186-202,
<https://www.sciencedirect.com/science/article/abs/pii/S0954349X18300316>

with van Ark, B (2019) Consumentenvertrouwen wereldwijd op hoog niveau (original in Dutch; English translation: Consumer confidence at a high level worldwide), *Economisch Statistische Berichten*, 9 May <https://esb.nu/auteur/abdul-erumban>

with Krishna, K.L., Goldar, B.N., Das, D.K., Aggarwal, S., and Das, P.C (2019), Manufacturing Productivity in India: The Role of Foreign Sourcing of Inputs and Domestic Capacity Building, In Fraumeni, B (ed.), *Measuring Economic Growth and Productivity: Foundations, KLEMS Production Models, and Extensions*, Elsevier,
<https://www.elsevier.com/books/measuring-economic-growth-and-productivity/fraumeni/978-0-12-817596-5>.

(2019). Productivity Growth in Kerala – The Role of Structural Change and Education, forthcoming, In Pushpangadan K (eds.), *Paradoxes and Puzzles of development in Kerala*, Oxford University Press (forthcoming).

(2019), with Bart van Ark and Klaas de Vries, Productivity and Innovation Competencies in the Midst of the Digital Transformation Age: An EU-US Comparison, European Commission [discussion paper 119](#), European Commission Fellowship Initiative 2018-2019

with van Ark, B (2018), Productivity in the global economy, In Das, D.K (eds.), *Productivity Dynamics in Emerging and Industrialized Countries*, Routledge,
<https://www.taylorfrancis.com/books/e/9781351002547/chapters/10.4324/9781351002547-3>

with, Inklaar, R.C., and de Vries K (2018), Global Growth Accounting: The Role of Shifting Investment Patterns, In Das, D.K (ed.) *Productivity Dynamics in Emerging and*

Industrialized Countries, Routledge,
<https://www.taylorfrancis.com/books/e/9781351002547/chapters/10.4324/9781351002547-3>.

with Goldar, B.N., Krishna, K.L., Aggarwal, S.C., Das, D.K, and Das, P.C (2017), Productivity growth in India since the 1980s: the KLEMS approach, *Indian Economic Review*, <https://link.springer.com/article/10.1007/s41775-017-0002-y>

with Das, D.K., Aggarwal, S., & Sengupta, S. (2016). Productivity Growth in India Under Different Policy Regimes. In D.W. Jorgenson., K. Fukao, K., & M.P.Timmer (Eds.), *The World Economy: Growth or Stagnation?* Cambridge University Press

with Das, D. K. (2016). Information and Communication Technology and Economic Growth in India. *Telecommunications Policy*, 40 (5), 412–431

with de Vries, G., Timmer, M., Voskoboynikov, I., & Wu, H. X. (2015). Deconstructing the BRIC: Structural Transformation and Aggregate Productivity Growth. In W. Naudé, A. Szirmai, & N. Haraguchi (Eds.), *Structural Change and Industrial Development in the BRICS*. Oxford University Press (pp. 66-90). Journal version in: *Journal of Comparative Economics*, 40(2), 211-227, 2012.

with Moreno-Monroy, A. I., Pieters , J. (2014). Formal sector subcontracting and informal sector employment in Indian manufacturing: Author. *IZA Journal of Labor & Development*, 3(22), 1-17.

with Timmer, M. P, Los, B., Stehrer, R., & de Vries, G. J. (2014). Slicing Up Global Value Chains. *Journal of Economic Perspectives*, 28(2), 99-118.

with Timmer, M. P. (2012). The dark side of creative destruction: innovation and retirement of capital. *Industrial and Corporate Change*, 21(5), 1149-1174.

with van Ark, H. H., Gupta, A. (2011). Measuring the contribution of ICT to economic growth. In B. Ark (Ed.), *The linked world: How ICT is transforming societies, cultures, and economies*. (pp. 9 - 35). Madrid: Fundación Telefónica.

with van Ark, H. H, Chen, V., & Kumar, U. (2010). The cost competitiveness of manufacturing in China and India: An industry and regional perspective. In B. Eichengreen, P. Gupta, & R. Kumar (Eds.), *Emerging giants: China and India in the world economy*. Oxford: Oxford University Press.

(2009), Productivity and Unit Labor Cost in Indian Manufacturing: A Comparative Perspective, *Economic and Political Weekly*, 44 (15), 39-48

(2008). Rental prices, rates of return, capital aggregation and productivity: Evidence from EU and US. *CESifo Economic Studies*, 54(3), 499-533.

(2008). Lifetimes of machinery and equipment: evidence from Dutch manufacturing. *Review of Income and Wealth*, 54(2), 237-268.

with Dougherty, S. M., Herd, R., Chalaux, T. (2008). *India's growth pattern and obstacles to higher growth*. (623 ed.) Paris: OECD.

with de Jong (Simon), S. (2006). Cross-country differences in ICT adoption: A consequence of culture? *Journal of World Business*, 41(4), 302-314.

(2005). Domestic capacity utilisation and import of capital goods: Substitutes or complementary evidence from Indian capital goods sector. In D. Tendulkar, A. Mitra, K.

Narayanan, & D. Kusum Das (Eds.), India: Industrialisation in a reforming economy - Essays for K.L. Krishna. (pp. 141 - 156)

(2001), Utilisation of Optimal Capacity in Indian manufacturing, 1974-96, Applied Economics Letters, vol. 8, September, p. 623-28

Recent research reports (Conference Board)

with Ilaria Maselli, Klaas de Vries, Erik Lundh and Ataman Ozyildirim (2019), [Going Local: Changing Global Value Chains and the Impact on Revenue and Jobs](#), The Conference Board, 14 February, 2019

with Erik Lundh and Gao Yuan (2019), [Global Economic Outlook 2019: Emerging Asia—Slower and Riskier, but Still Ahead of the Pack](#), The Conference Board, 12 November, 2018

with Erik Lundh, Ataman Ozyildirim, Ilaria Maselli and Klaas de Vries (2018), [Trading Up: With Global Growth Finally on the Rise, Is the Trade Recovery Sustainable?](#) The Conference Board, 16 February, 2018

with Erik Lundh and Gao Yuan (2018), Global Economic Outlook 2018: [Global Economic Outlook 2018: Emerging Asia: Slowing, but Still Leading the Way](#), The Conference Board, 21 November, 2017

with Klaas de Vries (2018), [Global Growth Projections for The Conference Board Global Economic Outlook 2019](#), The Conference Board Economics Program Working Paper Series, December 2018

with Klaas de Vries (2016), [Wage-Productivity Growth Gap: An Analysis of Industry Data](#), The Conference Board Economics Program Working Paper Series, 30 January, 2016

with Bart van Ark, Carol Corrado and Gad Levanon (2016), [Navigating the New Digital Economy: Driving Digital Growth and Productivity from Installation to Deployment](#), Key Business Issues Research Report, The Conference Board, 14 May, 2016

with Gad Levanon, Ben Cheng, Eric Hayek, Brian Schaitkin, Frank Steemers and Eliza Winger (2016), [Help Wanted: What Looming Labor Shortages Mean for Your Business](#), Key Business Issues Research Report, The Conference Board, 15 April, 2016

with Bart van Ark, Gad Levanon, Ataman Ozyildirim, Andrew Polk, Jing Sima-Friedman and Klaas de Vries (2016) [Global Economic Outlook 2016: The Global Economy in a Holding Pattern](#), Key Business Issues Research Report, 05 November, 2015

with Bart van Ark, Ataman Ozyildirim, Elizabeth Crofoot, Prajakta Bhide, and Gad Levanon (2015). [Prioritizing Productivity to Drive Growth, Competitiveness, and Profitability: Strategic Overview](#), Key Business Issues Research Report, 15 June, 2015

Select Blogs / Media

(2019), with Bart van Ark, Global Economic Outlook 2019: Emerging Asia slower and riskier, but still ahead of the pack, [Asian Link](#), Issue 32 2019

(2018), with Erik Lundh, Is the Trade Resurgence Sustainable? op-ed, *Wharton@Knowledge*, <http://knowledge.wharton.upenn.edu/article/is-the-trade-resurgence-sustainable/>

(2018), with Bart van Ark, Economic Outlook 2018 Is the Global Growth Glass Half Full or Half Empty? [Asian Link](#), Issue 28 2018

- (2018), Impact of hosting APEC meeting on Papua New Guinea, median interview, CGTN.com/America, https://www.youtube.com/watch?v=mN3YIil_tBs
- (2017), with Ataman Ozyildirim, What's in Store for Emerging Markets? The Conference Board Economy & Business Environment Blog, August 24, 2017, <http://tcbblogs.org/economy/2017/08/24/whats-in-store-for-emerging-markets/>
- (2017) Emerging Markets in 2017: Trends To Watch, *Emerging Market Views*, @emviews, February 6, 2017, <http://em-views.com/emerging-markets-in-2017-trends-to-watch/>
- (2016), Where Productivity Is Sizzling Hot, media interview, June 14, <https://www.ozy.com/acumen/where-productivity-is-sizzling-hot/70004/>
- (2016), What next after Brexit? June 29, *Madhyamam* (Indian daily),
- (2016) India's Demonetization: Good Intentions, Bad Implementation? *Emerging Market Views*, @emviews, December 12, 2016, <http://em-views.com/indias-withdrawal-of-large-currency-notes-good-intentions-bad-implementation/>
- (2014), On Korea's productivity potential (in Korean), hankyung.com, <https://www.hankyung.com/international/article/2014011656731>
- (2014) Capitol View®, PoliGraph: Fact-checking the MN 1st District debate, MPR news, by Catharine Richert, October 10, Media interview, <https://www.mprnews.org/amp/story/2014/10/10/poligraph-fact-checking-the-mn-1st-district-debate>
- (2013) [Interview with Abdul A. Erumban](#), International Affairs Forum, 4 (1), 2013

Ongoing research projects:

- Labor market dynamics in the GCC economies, Senior Research Fellowship by Kuwait Foundation for the Advancement of Sciences (through the Conference Board Gulf Center)
- Growth and Productivity in Post Socialist Regimes: An India-Russia comparison, with I. Voskoboiniko, Das, D.K., and Das, P.C
- Comparing Sectoral Productivity Levels in India And China, Reserve Bank of India, with Harry X. Wu, Deb Kusum Das, and David Liang
- Productivity growth in Asian economies in the age of digital transformation, with Gao Yuan, and Klaas de Vries
- India KLEMS project, Reserve Bank of India, (with Delhi School of Economics, New Delhi)

Recently completed research projects at the Conference Board

- The future of global trade project, 2019
- EU KLEMS project (funded by the European Commission), 2017
- Help Wanted: What Looming Labor Shortages Mean for Your Business, 2016
- Digital Transformation: Navigating the New Digital Economy, 2016
- Wage-Productivity Gap in Advanced Economies, Sloan Foundation Project, 2015
- Prioritizing Productivity to Drive Growth, Competitiveness and Profitability, 2014

Past research collaborations

- World Input-Output Analysis Project (WIOD), European Commission, University of Groningen, 2009-2012
- Measuring the contribution of Telecom to economic growth (funded by Telefonica), University of Groningen and the Conference Board, 2008
- Sources of growth in Turkish manufacturing sectors (supported by TUSIAD), University of Groningen and the Conference Board, 2008
- Unit labor cost in Indian manufacturing (part of OECD India economic survey), University of Groningen, 2006-2007

Other experiences

Active engagement in several business interactions, including:

- several council presentations on the economic outlook, productivity, structural change, global value chain, skill challenges of emerging markets and digital transformation to C-suite leaders of various multinational companies across Europe and Asia;
- occasional webcast series discussing issues related to the global economy, with particular focus on emerging markets;
- several in-person company briefings in several multinational companies across Europe (e.g., Bekaert, Philips, Solvay);
- presentations to academia, business, policy, and banking community in the Gulf Corporation Council countries regarding diversification and economic development in the region, and

Conferences/Seminars

Invited talks/presentations

Guest lecture: *Socio-Economic Development in India*, Global Development Studies, University of Groningen, December 2017

Panel Discussion on Productivity in Asia: A Review, 2nd Asia KLEMS International Conference, August 22-23, 2013, Seoul National University, Seoul, South Korea

The Untold Story: Structural Change for Poverty Reduction – the case of the BRICS, UNIDO-UNU international workshop, UNIDO, Vienna, August 16-17, 2012.

Plenary discussion (India), First Asia KLEMS conference, Asian Development Bank Institute (ADBI), Tokyo, 27 July 2011

Improving capital measurement using microdata' Talk given at the Central Bureau of Statistics, the Hague, the Netherlands, 24 February 2009.

Conference presentations / discussions

5th Asian KLEMS Conference, Tsinghua China Data Center, Tsinghua University, Beijing, October 14-15, 2019

5th World KLEMS conference, Harvard University, USA, June 4-5, 2018

35th IARIW General Conference, Copenhagen, Denmark, August 20-25, 2018

61st World Statistics Congress, Marrakech, Morocco, July 16-21, 2017

25th Anniversary Conference: The Groningen Growth and Development Centre (GGDC), University of Groningen, 28-30 June 2017.

4th World KLEMS conference, BVVA Foundation, Madrid, Spain, May 23-24, 2016

2nd Asian KLEMS International Conference, August 22-23, 2013, Seoul National University, Seoul, South Korea

2nd World KLEMS conference, Harvard University, USA, August 10-11, 2012

32nd IARIW conference, Boston, the USA, August 5-11 2012

Final WIOD Conference: Causes and Consequences of Globalization, Groningen, The Netherlands, April 24-26, 2012

Conference on the official launch of the World Input-Output Database (WIOD), European Commission, Brussels, Belgium April 16, 2012

The 16th World Congress of International Economic Association Held at Tsinghua University, July 4-8, 2011, Beijing.

Spring Meeting of Young Economist, 2011, University of Groningen, Groningen, 16 April 2011

31st General Conference of The International Association for Research in Income and Wealth, St. Gallen, Switzerland, August 22-28, 2010

1st World KLEMS meeting, Harvard University, August 18-20, 2010

WIOD Conference on Industry-level analyses of globalization and its consequences, May 26-28 2010, Technische Universitaet Wien, Vienna

43rd Annual Conference of the Canadian Economics Association, May 28-31, 2009, University of Toronto, Ontario, Canada

International Comparisons of Production and Income, Workshop at the University of California Davis. April 30 - May 1, 2009

Conference on “India and China's Role in International Trade and Finance and Global Economic Governance” organized by the Indian Council for Research on International Economic Relations (ICRIER), the Konrad-Adenauer-Foundation (KAF) and the International Monetary Fund (IMF) December 6-7, 2007, New Delhi

22nd Annual European meeting of the European Economic Association and the Econometric Society (EEA/ESEM) in Budapest, Hungary, August 27 – 31, 2007

CESifo Economic Studies Conference on Productivity and Growth, CESifo Conference Centre, Munich, Germany, June 22-23, 2007

Workshop on “Recent Developments in International Comparisons of Output and Productivity” April 22-23, 2007, University of Groningen

DRUID-DIME Academy Winter Conference on “The Evolution of Capabilities and Industrial Dynamics,” Aalborg, 26-28 January 2006.

TEG conference on " The Measurement and Analysis of Innovation and Productivity Growth," Groningen, 10-11 November 2005,

European Summer School in Industrial Dynamics, Corsica, France in September 2005

28th general conference of the International Association for Research in Income and Wealth, Cork, Ireland, August 2004

Conference on Models and Methods in Economics organized by The Indian Statistical Institute (ISI), Calcutta, during January 29-31 2002.

3rd Annual Workshop on Bayesian Econometrics and Recent Advances in Quantitative Economics organized by The Indian Statistical Institute, Bangalore, March 7-10 2001

Winter School in Quantitative Economics organized by the Indian Institute of Management, Calcutta, during January 1-7 2001.

Conference to honor Prof. K.L Krishna, Delhi School of Economics, New Delhi, December 2000 and at the Winter School in Quantitative Economics, Indian Institute of Management, Calcutta, January 2001

36th Annual Conference of the Indian Econometric Society, Indore, India, Feb 2000.

Winter School in Quantitative Economics organized by the Indian Statistical Institute (ISI), New Delhi, during December 3-10 1999

35th Annual Conference of the Indian Econometric Society, Jaipur, India, March 1999.

Academic References

1. **Prof. Dr. Bart van Ark**, Professor, Faculty of Economics and Business, University of Groningen, and Vice President and Chief Economist, The Conference Board, 845 Third Avenue, New York, NY 10022-6679, USA. Tel: 212 339 0325, e-mail: Bart.VanArk@conference-board.org
2. **Prof. Dr. Marcel P. Timmer**, Professor, Faculty of Economics and Business, University of Groningen, Global Economics & Management, Nettelosje 2, 9747 AE, Groningen, the Netherlands. Tel: +31 50 363 3653, e-mail: m.p.timmer@rug.nl
3. **Prof. Dr. Dale Jorgenson**, Samuel W. Morris University Professor, Harvard University, USA, Littauer Center 122, Harvard. Tel: +1 617 495 4661, email: djorgens@fas.harvard.edu
4. **Prof. Dr. K.L. Krishna** (Hon. Prof. Delhi School of Economics, New Delhi), 97, Munirka Enclave, Nelson Mandela Road, New Delhi – 110 067. Tel: +91 011 2619 2768, Mobile: 09871086770, email: krishna@econdse.org