

Pieter Jacob Woltjer

Dr. MSc

www.pieterwoltjer.com

Personal Information

Date of birth 22 September 1982
Sex Male
Nationality Dutch
Marital status Married, three children

Employment Record

Current Position

2022-... **Researcher**, *Wageningen University*, Wageningen Economic Research.

Past Employment

2021-2022 **Data Analyst**, *ABN AMRO Hypotheken*, Credit Risk Research, Capital.
2017-2021 **Researcher**, *University of Groningen*, Global Economics and Management.
Groningen Growth and Development Centre, director: Prof. dr. M.P. Timmer
2013-2017 **Researcher**, *Wageningen University*, Rural and Environmental History.
Project: 'Is Poverty Destiny?', supervisor: Prof. dr. E.H.P. Frankema
March 2013 **Visiting researcher**, *Hitotsubashi University*, Hi-Stat Research Centre.
Director: Prof. dr. K. Fukao
Oct-Dec 2010 **Visiting researcher**, *University of Warwick*, CAGE Research Centre.
Director: Prof. dr. N.F.R. Crafts
2008-2013 **PhD candidate**, *University of Groningen*, Economics, Econometrics and Finance.
Project: 'Modern Times', supervisor: Prof. dr. H.J. de Jong
2007-2008 **Project officer**, *University of Groningen*, GGDC.
Project: 'EU KLEMS Database', director: Prof. dr. M.P. Timmer

Educational Record

2013 **PhD in economic history**, *University of Groningen*.
2007 **MSc economics**, *University of Groningen*.
2006 **BSc economics**, *University of Groningen*.

PhD-thesis

Woltjer, P. (2013c). *The Roaring Thirties: Productivity Growth and Technological Change in Great Britain and the United States during the Early Twentieth Century*. SOM Research School, University of Groningen.

Journal Articles & Book Chapters (peer-reviewed)

Inklaar, R., R. Marapin, **P. Woltjer**, and M.P. Timmer (2022). "Inconsistencies in cross-country price comparisons over time: patterns and facts". In: *Advances in Economic Measurement*. Ed. by Duangkamon Chotikapanich, Alicia N. Rambaldi, and Nicholas Rohde. Basingstoke: Palgrave Macmillan. Chap. 13, forthcoming.

- Pahl, S., M.P. Timmer, R. Gouma, and **P. Woltjer** (2022a). “Jobs and Productivity Growth in Global Value Chains: New Evidence for Twenty-five Low- and Middle-Income Countries”. In: *World Bank Economic Review*, forthcoming.
- Inklaar, R. and **P. Woltjer** (2021). “Is Egypt Really More Productive than the United States? The Data behind the Penn World Table”. In: *International Productivity Monitor* 41, pp. 118–137.
- Boter, C. and **P. Woltjer** (2020). “The impact of demand for labor and economic structure on Dutch unmarried women’s labor force participation, 1812-1929”. In: *European Review of Economic History* 24 (4), pp. 783–817.
- Crafts, N. and **P. Woltjer** (2020). “Growth Accounting in Economic History: Findings, Lessons, and New Directions”. In: *Journal of Economic Surveys*, pp. 670–696.
- Bakker, G., N. Crafts, and **P. Woltjer** (2019b). “The Sources of Growth in a Technologically Progressive Economy: the United States, 1899-1941”. In: *Economic Journal* 129 (622), pp. 2267–2294.
- Inklaar, R., **P. Woltjer**, and D. Gallardo Albarrán (2019). “The Composition of Capital and Cross-Country Productivity Comparisons”. In: *International Productivity Monitor* 36 (1), pp. 34–52.
- Frankema, E., J. Williamson, and **P. Woltjer** (2018a). “An Economic Rationale for the West African Scramble? The Commercial Transition and the Commodity Price Boom of 1835-1885”. In: *Journal of Economic History* 78 (1), pp. 231–267.
- Frankema, E., **P. Woltjer**, A. Dalrymple-Smith, and L. Bulambo (2018). “An Introduction to the African Commodity Trade Database, 1730-2010”. In: *Research Data Journal for the Humanities and Social Sciences*, pp. 1–14.
- Woltjer, P.** (2018). “Frontier Analysis”. In: *An Economist’s Guide to Economic History*. Ed. by Matthias Blum and Christopher L. Colvin. Basingstoke: Palgrave Macmillan. Chap. 48, pp. 417–424.
- Timmer, M.P., J. Veenstra, and **P. Woltjer** (2016). “The Yankees of Europe? A New View on Technology and Productivity in German Manufacturing in the Early Twentieth Century”. In: *Journal of Economic History* 76 (3), pp. 874–908.
- Woltjer, P.** (2015). “Taking Over: A New Appraisal of the Anglo-American Productivity Gap and the Nature of American Economic Leadership ca. 1910”. In: *Scandinavian Economic History Review* 63 (3), pp. 280–301.
- Frankema, E., **P. Woltjer**, and J.P. Smits (2013). “Changing Economic Leadership: A New Benchmark of Sector Productivity in the United States and Western Europe, ca. 1910”. In: *Tijdschrift voor Sociale en Economische Geschiedenis* 10 (2), pp. 80–113.
- de Jong, H. and **P. Woltjer** (2011). “Depression Dynamics: A New Estimate of the Anglo-American Manufacturing Productivity Gap in the Interwar Period”. In: *Economic History Review* 64 (2), pp. 472–492.

Working Papers

- Pahl, S., M.P. Timmer, R. Gouma, and **P. Woltjer** (Feb. 2022b). “Jobs and Productivity Growth in Global Value Chains: New Evidence for Twenty-five Low- and Middle-Income Countries”. In: GGDC Working Paper Series 191.
- Inklaar, R., R. Marapin, and **P. Woltjer** (Jan. 2021). “What is New in PWT 10.0”. In: GGDC Working Paper Series. URL: <https://www.rug.nl/ggdc/productivity/pwt/>.

- Inklaar, R., R. Marapin, **P. Woltjer**, and M.P. Timmer (Apr. 2021). “Inconsistencies in comparing relative prices over time: patterns and facts”. In: GGDC Working Paper Series 189.
- Vries, G. de et al. (Feb. 2021). “The Economic Transformation Database (ETD): Content, Sources, and Methods”. In: WIDER Technical Note. URL: <https://www.rug.nl/ggdc/structuralchange/etd/>.
- Woltjer, P.**, R. Gouma, and M.P. Timmer (Dec. 2021). “Long-run World Input-Output Database: Version 1.0 Sources and Methods”. In: GGDC Working Paper Series 190.
- Inklaar, R. and **P. Woltjer** (Apr. 2019). “What is New in PWT 9.1”. In: GGDC Working Paper Series. URL: <https://www.rug.nl/ggdc/productivity/pwt/>.
- Pahl, S, M.P. Timmer, R. Gouma, and **P. Woltjer** (Aug. 2019). “Jobs in Global Value Chains: New Evidence for Four African Countries in International Perspective”. In: World Bank Policy Research Working Paper WPS8953.
- Gouma, R., W. Chen, **P. Woltjer**, and M.P. Timmer (Jan. 2018). “WIOD Socio-Economic Accounts: Sources and Methods”. In: WIOD Working Paper Series. URL: <http://www.wiod.org/database/seas16/>.
- Bakker, G., N. Crafts, and **P. Woltjer** (Sept. 2017). “The Sources of Growth in a Technologically Progressive Economy: the United States, 1899-1941”. In: CAGE Working Paper Series 341.
- Dalrymple-Smith, A. and **P. Woltjer** (Oct. 2016). “Commodities, Prices and Risk: the changing market for non-slave products in pre-abolition West Africa”. In: African Economic History Network Working Paper 31.
- Bakker, G., N. Crafts, and **P. Woltjer** (Dec. 2015). “A Vision of the Growth Process in a Technologically Progressive Economy: the United States, 1899-1941”. In: CEPR Working Paper Series 10995.
- Frankema, E., J. Williamson, and **P. Woltjer** (May 2015b). “An Economic Rationale for the African Scramble: The Commercial Transition and the Commodity Price Boom of 1845-1885”. In: NBER Working Paper Series 21213.
- Woltjer, P.** (Nov. 2013a). “Taking Over: A New US/UK Productivity Benchmark and the Nature of American Economic Leadership ca. 1910”. In: GGDC Working Paper Series 140.
- Woltjer, P.** (Nov. 2013b). “The Great Escape: Technological Lock-in vs Appropriate Technology in Early Twentieth Century British Manufacturing”. In: GGDC Working Paper Series 141.
- Frankema, E., J.P. Smits, and **P. Woltjer** (Jan. 2010). “Comparing Productivity in the Netherlands, France, UK and US, ca. 1910: A New PPP Benchmark and its Implications for Changing Economic Leadership”. In: GGDC Working Paper Series 113.
- de Jong, H. and **P. Woltjer** (Mar. 2009). “A Comparison of Real Output and Productivity for British and American Manufacturing in 1935”. In: GGDC Working Paper Series 108.
- Smits, J.P., **P. Woltjer**, and D. Ma (Jan. 2009). “A Dataset on Comparative Historical National Accounts, ca. 1870-1950: A Time-Series Perspective”. In: GGDC Working Paper Series 107.
- Ark, B. van and **P. Woltjer** (Dec. 2008). “The EU KLEMS Productivity Report, issue 2”. In: EU KLEMS Working Paper Series.

Public Outreach

Bakker, G., N. Crafts, and **P. Woltjer** (Aug. 2019a). “Historical Productivity Growth from Run of the Mill Industries: Evidence from the United States”. In: *press release*. URL: <https://pieterwoltjer.com/>.

Frankema, E., J. Williamson, and **P. Woltjer** (July 2018b). “An Economic Rationale for the West African Scramble? The Commercial Transition and the Commodity Price Boom of 1835–1885”. In: AEHN blog, *Frontiers in African Economic History*. URL: <https://www.aehnetwork.org/blog/>.

Bakker, G., N. Crafts, and **P. Woltjer** (Feb. 2016). “A Vision of the Growth Process in a Technologically Progressive Economy”. In: VoxEU.org, CEPR’s policy portal. URL: <http://www.voxeu.org/article/american-productivity-growth-during-great-depression>.

Frankema, E., J. Williamson, and **P. Woltjer** (June 2015a). “An Economic Rationale for the African Scramble”. In: VoxEU.org, CEPR’s policy portal. URL: <http://www.voxeu.org/article/economic-rationale-african-scramble>.

Woltjer, P. (Mar. 2014). “De Lessen van de Crisis in de Jaren Dertig”. In: *Kunst en Wetenschap* 23.1, pp. 7–8.

Teaching (selection)

- 2019-2020 **Lecturer (tutorials)**, *Growth and Development Economics*, BSc, book: Todaro and Smith (2015) *Economic Development*.
- 2018-2019 **Lecturer (tutorials)**, *Innovation and Productivity*, BSc, book: Greenhalgh and Rogers (2010) *Innovation, Intellectual Property, and Economic Growth*.
- 2013-2016 **Coordinator | Lecturer (lectures)**, *Economics and Governance in Historical Perspective*, BSc, book: Eichengreen (2007) *The European Economy Since 1945*.
- 2013-2016 **Lecturer (tutorials, lectures)**, *Globalization in Historical Perspective*, BSc, book: Held et al. (1999) *Global Transformations*.
- 2013-2014 **Lecturer (tutorials)**, *Introduction to International Development Studies*, BSc, book: Potter et al. (2013) *Geographies of Development*.
- 2011-2012 **Lecturer (lectures)**, *Economic History*, MSc, reading material: selected papers.
- 2011-2012 **Lecturer (tutorials)**, *International Economics*, BSc, book: Hubbard and O’Brien (2008) *Essentials of Economics*.
- 2009-2012 **Lecturer (assistant)**, *Growth, Institutions and Business*, BSc, reading material: selected papers.

Presentations and Seminars (selection)

- June 2019 **OECD Workshop Trade in Value Added**, Paris (FR).
- January 2019 **PEGDECH Seminar**, Groningen (NL).
- August 2018 **World Economic History Conference**, Boston (US).
- June 2018 **World KLEMS Conference**, Boston (US).
- October 2016 **African Economic History Workshop**, Sussex (UK).
- May 2016 **Economic and Business History Society Conference**, Montreal (CA).
- March 2016 **European Social Science History Conference**, Valencia (ES).
- August 2015 **World Economic History Conference**, Kyoto (JP).
- October 2014 **African Economic History Workshop**, London (UK).
- March 2014 **Economic History Society Conference**, Coventry (UK).

- March 2013 **Hi-Stat Seminar, Tokyo (JP).**
- July 2012 **World Economic History Conference, Stellenbosch (ZA).**
- September 2011 **European Historical Economics Society Conference, Dublin (IE).**
- November 2010 **Maddison Memorial Conference, Amsterdam (NL).**
- June 2010 **Global Euronet Summerschool, Madrid (ES).**
- December 2009 **Graduate Workshop in Economic and Social History, Oxford (UK).**
- August 2009 **World Economic History Conference, Utrecht (NL).**
- June 2007 **European Historical Economics Society Conference, Lund (SE).**

Languages

Dutch **Mother tongue**
 English **Fluent**

115/120 Oxford Online Placement Test

Technical Skills

quantitative MatLab
 quantitative R
 statistics Stata

quantitative SAS
 statistics SPSS
 programming Visual Basic