

Joaquin Vespignani, Associate Professor

Personal Details

- **Website:** joaquinvespignani.com
- **Research:** [IDEAS/RePEc](#) | [Google Scholar](#)
- **Citizen:** Dual Australia/Argentina

Research Interests

- **Fields:** Applied Macroeconomics, Energy Economics
- **Topics:** Energy Transition, Critical Minerals, Energy and Macroeconomic Forecasting

Education

- **PhD in Economics (Macroeconomics)**, University of New South Wales, Australia (2007-2012)
- **Master of Economics (Macroeconomics)**, University of New England, Australia (2006-2007)
- **Bachelor of International Trade**, Universidad de la Marina Mercante, Buenos Aires, Argentina (1998-2003)
- **Degree of Commerce**, Universidad de Belgrano, Buenos Aires, Argentina (1996-1999)

Current Appointments

- **Associate Professor of Economics and Finance**, University of Tasmania (2018-Present)
- **Macroeconomic Expert Panel**, The Australian Treasury (2022-Present)
- **Co-Founder and Program Director**, Centre for Applied Macroeconomic Analysis, Australian National University (2021-Present)
- **Research Associate**, Globalization and Monetary Policy Institute, Federal Reserve Bank of Dallas (2016-Present)
- **Australian Economic Expert Panel**, Economic Society of Australia (2018-Present)
- **Associate Editor (Macroeconomics)**, Economic Papers, Economic Society of Australia (2019-Present)

Employment History

- **Associate Professor**, TSBE, University of Tasmania (2018-Present)
- **Head of Discipline (Economics and Finance)**, TSBE, University of Tasmania (2016-2019)
- **Senior Lecturer in Economics**, TSBE, University of Tasmania (2016)
- **Lecturer in Economics**, TSBE, University of Tasmania (2012-2015)
- **Chief Economist for Australia**, Barclays Capital Investment Bank, Sydney, Australia (2009-2012)
- **Econometric Researcher**, Social Policy Research Centre, UNSW (2009-2011)

Teaching Experience

University of Tasmania, Tasmanian School of Business and Economics (2012-Present), Hobart, Australia

- Banking and Financial Institutions (Undergraduate)
- Macroeconomics Theory and Policy (Undergraduate)
- Macroeconomics II (Undergraduate)
- Principles of Economics (Postgraduate)
- International Financial Management (Postgraduate)
- Principal of Finance (Undergraduate)

- International Finance (Undergraduate)

University of New South Wales, Sydney, Australia (2008-2010)

- Macroeconomics I and II (Undergraduate)
- Econometrics Methods (Undergraduate)
- Principles of Economics (Postgraduate)

Publications

Joaquin Vespignani & Russell Smyth, 2024. "Artificial Intelligence and the Supply of Critical Minerals," accepted (June 2024) to Nature Communication (ABDC A*).

Richard Mawulawoe Ahadzie, Dan Daugaard, Moses Kangogo, Faisal Khan, and Joaquin Vespignani, 2024. "COVID-19, Mobility Restriction Policies and Stock Market Volatility: A Cross-Country Empirical Study," Economic Papers, The Economic Society of Australia, vol. 43(2), pp. 184-203, (ABDC: B).

Markus Brueckner, Wensheng Kang, and Joaquin Vespignani, 2023. "Covid-19 and Firms' Stock Price Growth: The Role of Market Capitalization," Applied Economics, vol. 55(39), pp. 4522-4538 (ABDC: A).

Al Jabri, Salwa, Mala Raghavan, and Joaquin Vespignani, 2022. "Oil Prices and Fiscal Policy in an Oil-exporter Country: Empirical Evidence from Oman," Energy Economics, vol. 111(C) (ABDC: A*).

Russell Smyth and Joaquin Vespignani, 2022. "Increasing Australian Lithium Production to Meet Electric Vehicles and Net Zero Global Targets: A Decarbonisation Tax Discount?" Economic Papers, The Economic Society of Australia, vol. 41(4), pp. 385-389, December (ABDC: B).

Markus Brueckner, Ngo Van Long, and Joaquin Vespignani, 2022. "Trade, Education, and Income Inequality," Applied Economics, vol. 54(40) (ABDC: A).

Majumder, Monoj Kumar, Mala Raghavan, and Joaquin Vespignani, 2022. "Commodity Price Volatility, Fiscal Balance, and Real Interest Rate," Empirical Economics, vol. 63(3), pp. 1375-1402 (ABDC: A).

Ferrari, D., Francesco Ravazzolo, and Joaquin Vespignani, 2021. "Forecasting Energy Commodity Prices: A Large Global Dataset Sparse Approach," Energy Economics, vol. 98 (ABDC: A*).

Majumder, Monoj Kumar, Mala Raghavan, and Joaquin Vespignani, 2021. "Impact of Commodity Price Volatility on External Debt: The Role of Exchange Rate Regimes," Applied Economics (ABDC: A).

Markus Brueckner and Joaquin Vespignani, 2021. "Covid-19 Infections and the Performance of the Stock Market: An Empirical Analysis for Australia," Economic Papers, vol. 40, pp. 173-193 (ABDC: B).

Kang, Wensheng, R.A. Ratti, and Joaquin Vespignani, 2021. "Financial and Nonfinancial Global Stock Market Volatility Shocks," Economic Modelling, vol. 96, pp. 128-134 (ABDC: A).

Burrell, H., and Joaquin Vespignani, 2021. "The Industrial Impact of Economic Uncertainty Shocks in Australia," Economic Papers, vol. 40, pp. 248-271 (ABDC: B).

Majumder, Monoj Kumar, Mala Raghavan, and Joaquin Vespignani, 2020. "Oil Curse, Economic Growth, and Trade Openness," Energy Economics, vol. 91 (ABDC: A*).

Ravazzolo, Francesco, and Joaquin Vespignani, 2020. "World Steel Production: A New Monthly Indicator of Global Real Economic Activity," *Canadian Journal of Economics*, vol. 53, pp. 743-766 (ABDC: A).

Kang, Wensheng, R.A. Ratti, and Joaquin Vespignani, 2020. "Global Commodity Prices and Global Stock Market Volatility Shocks: Effects Across Countries," *Journal of Asian Economics*, vol. 71, pp. 1-15 (ABDC: B).

Kang, Wensheng, R.A. Ratti, and Joaquin Vespignani, 2020. "Impact of Global Uncertainty on the Global Economy, and Large Developed and Developing Economies," *Applied Economics*, vol. 52(22), pp. 2392-2407 (ABDC: A).

Ratti, R.A., and Joaquin Vespignani, 2019. "What Drives the Global Official/Policy Interest Rate?" *Applied Economics*, vol. 51, pp. 5185-5190 (ABDC: A).

Hudson, K.B., and Joaquin Vespignani, 2018. "Understanding the Deviation of Australian Policy Rate from The Taylor Rule," *Applied Economics*, vol. 50(9), pp. 973-989 (ABDC: A).

Kang, Wensheng, R.A. Ratti, and Joaquin Vespignani, 2017. "Oil Price Shocks and Policy Uncertainty: New Evidence on the Effects of US and non-US Oil Production," *Energy Economics*, vol. 66, pp. 536-54 (ABDC: A*).

Kang, Wensheng, R.A. Ratti, and Joaquin Vespignani, 2016. "The Impact of Oil Price Shocks on the U.S. Stock Market: A Note on the Roles of U.S. and Non-U.S. Oil Production," *Economics Letters*, vol. 145, pp. 176–181 (ABDC: A).

Ratti, R.A., and Joaquin Vespignani, 2016. "Oil Prices and Global Factor Macroeconomic Variables," *Energy Economics*, vol. 59, pp. 198–212 (ABDC: A*).

Ratti, R.A., and Joaquin Vespignani, 2016. "Not all International Monetary Shocks are Alike for the Japanese Economy," *Economic Modelling*, vol. 52, pp. 822-837 (ABDC: A).

Kang, Wensheng, R.A. Ratti, and Joaquin Vespignani, 2016. "The Implications of Liquidity Expansion in China for the US Dollar," *Journal of Asian Economics*, vol. 46, pp. 71-84 (ABDC: B).

Ratti, R.A., and Joaquin Vespignani, 2016. "Chinese Liquidity Increases and the U.S. Economy," *Economic Modelling*, vol. 52, pp. 764-771 (ABDC: A).

Ratti, R.A., and Joaquin Vespignani, 2015. "Commodity Prices and BRIC and G3 Liquidity: A SFAVEC Approach," *Journal of Banking and Finance*, vol. 53, pp. 18-33 (ABDC: A*).

Ratti, R.A., and Joaquin Vespignani, 2015. "OPEC and non-OPEC Oil Production and the Global Economy," *Energy Economics*, vol. 50, pp. 364-378 (ABDC: A*).

Joaquin Vespignani, 2015. "On the Differential Impact of Monetary Policy across States/Territories and its Determinants in Australia: Evidence and New Methodology from a Small Open Economy," *Journal of International Financial Markets, Institutions and Money*, vol. 34, pp. 1-13 (ABDC: A).

Joaquin Vespignani, 2015. "International Transmission of Monetary Shocks to the Euro Area: Evidence from the U.S., Japan and China," *Economic Modelling*, vol. 44, pp. 131-141 (ABDC).

Knop, S., and Joaquin Vespignani, 2014. "The Sectorial Impact of Commodity Price Shocks in Australia," *Economic Modelling*, vol. 42, pp. 257-271 (ABDC: A).

Ratti, R.A., and Joaquin Vespignani, 2013. "Crude Oil Prices and Liquidity, the BRIC and G3 Countries," *Energy Economics*, vol. 39, pp. 28-38 (ABDC: A*).

Ratti, R.A., and Joaquin Vespignani, 2013. "Why are Crude Oil Prices High when Global Activity is Weak?" *Economics Letters*, vol. 121, pp. 133-136 (ABDC: A).

Ratti, R.A., and Joaquin Vespignani, 2013. "Liquidity and Crude Oil Prices: China's Influence Over 1997-2011," *Economic Modelling*, vol. 33, pp. 517-525 (ABDC: A).

Joaquin Vespignani, 2013. "The Industrial Impact of Monetary Shocks during the Inflation-Targeting Era in Australia," *Australian Economic History Review*, vol. 53, pp. 47-71 (ABDC: B).

Reports and Working Papers

Stefano Grassi, Francesco Ravazzolo, Joaquin Vespignani, and Giorgio Vocalelli, 2023. "Global Money Supply and Energy and Non-Energy Commodity Prices: A MS-TV-VAR Approach," *CAMA Working Papers 2023-13*, Centre for Applied Macroeconomic Analysis, Crawford School of Public Policy, The Australian National University.

Markus Brueckner, Haidi Hong, and Joaquin Vespignani, 2023. "Regulation of Petrol and Diesel Prices and their Effects on GDP Growth: Evidence from China," *CAMA Working Papers 2023-17*, Centre for Applied Macroeconomic Analysis, Crawford School of Public Policy, The Australian National University.

Russell Smyth and Joaquin Vespignani, 2022. "A Proposal for a Decarbonization Tax Discount to Increase Australian Lithium Production to Meet Electric Vehicles and Net Zero Global Targets," *Working Papers 2022-03*, University of Tasmania.

Hammed Musibau, Maria Yanotti, Joaquin Vespignani, and Rabindra Nepal, 2021. "Environmental Performance in the West African Economy: MM-Quantile and 2SLS Approach," *Working Papers 2021-05*, University of Tasmania, Tasmanian School of Business and Economics.

Joaquin Vespignani and Maria Yanotti, 2020. "COVID-19 and Tasmanian Youth Unemployment: A Policy Recommendation," *Working Papers 2020-07*, University of Tasmania, Tasmanian School of Business and Economics.

Hammed Oluwaseyi Musibau, Rabindra Nepal, Joaquin L. Vespignani, and Maria Yanotti, 2020. "The Moderating Role of Green Energy and Energy-Innovation in Environmental Kuznets: Insights from Quantile-Quantile Analysis," *Globalization Institute Working Papers 385*, Federal Reserve Bank of Dallas.

Markus Brueckner, Ngo Van Long, and Joaquin Vespignani, 2020. "Non-Gravity Trade," *ANU Working Papers in Economics and Econometrics 2020-673*, Australian National University, College of Business and Economics, School of Economics.

Markus Brueckner and Joaquin Vespignani, 2017. "Trade Uncertainty and Income Inequality," *ANU Working Papers in Economics and Econometrics 2017-648*, Australian National University, College of Business and Economics, School of Economics.

Media

Top 3 Media Articles

1. “Australian fuel prices likely to rise as Opec+ countries cut oil production to ‘squeeze the market’,” *The Guardian* (UK), October 2022.
2. “Dallas Fed Looks at Impact of Uncertainty on Global Economy,” *The Wall Street Journal* (US), January 2017.
3. “Everybody needs good neighbours,” *The Economist* (UK), November 2011.

Recent Media Contributions (2021-2023)

1. “Top economist gives budget modest rating and doubts inflation will fall as planned,” *The Conversation*, May 2024.
2. “Worried economists call for a carbon price, a tax on coal exports, and ‘green tariffs’ to get Australia on the path to net zero,” *The Conversation*, October 2023.
3. “Inheritance taxes, resource taxes, and an attack on negative gearing: how top economists would raise \$20 billion per year,” *The Conversation*, March 2023.
4. “What now for petrol prices? Global doom and gloom makes the outlook surprisingly positive,” *The Conversation*, September 2022.
5. “Dip in petrol prices, but expect more pain at the pump,” *The NewDaily*, September 2022.
6. “Australian economists want emissions cuts, not tax cuts, in the upcoming budget,” *Smartmoney.com.au*, March 2022.
7. “When we open up, open up big: economists say we need more migrants,” *The Conversation*, February 2022.
8. “Top economists see no prolonged high inflation, no rate hike next year,” *The Conversation*, November 2021.
9. “Australia's top economists back carbon price, say benefits of net-zero outweigh cost,” *The Conversation*, October 2021.
10. “Could do better: top Australian economists award the budget a cautious pass,” *The Conversation*, October 2021.

Metrics

RePEc Economist Research Ranking (Worldwide)

2023

- Top 1% Most Downloaded Authors in Economics Worldwide
- Top 1% Authors by Abstract Views in Economics Worldwide
- Top 5% Economists Worldwide (Last 10 Years)
- Top 5% by Number of Works
- Top 5% by Performance of Graduate Students

Others

- 2021: Top 1% Most Downloaded Authors in Economics Worldwide
- 2020: Top Australian Young Economist (under 10 Years of PhD Graduation)
- 2017: Top 10 Economist Worldwide, by Year of Graduation (2012)

Google Scholar

2023

- Top 5 Most Cited Authors in Energy Prices Worldwide
- Top 10 Most Cited Authors in Oil Prices Worldwide

- Top 30 Most Cited Authors in Applied Macroeconomics Worldwide

Social Science Research Network (SSRN)

2023

- Top 10% Most Downloaded Authors in History (amongst 380,000 authors worldwide)
- Top 10% Most Downloaded Authors in the Last 12 Months (amongst 380,000 authors worldwide)

Awards and Grants

Research

- College Research Award, UTAS (2021)
- Vice-Chancellor Commendation for Outstanding Research Performance by a New Researcher, UTAS (2017)
- Vice-Chancellor Commendation for Outstanding Research Performance by a New Researcher, UTAS (2016)
- Research Performance Scheme, UTAS (2013, 2014, 2015, 2016)
- Research Enhancement Grant Scheme, UTAS (2015)
- Dean's Award for Excellence in Teaching and Research, UTAS (2014)

Teaching

- Vice-Chancellor Commendation for Teaching Excellence (Unit: International Financial Management), UTAS (2023)
- Vice-Chancellor Commendation for Teaching Excellence (Unit: Financial Institutions and Markets), UTAS (2023)
- Vice-Chancellor Commendation for Teaching Excellence (Unit: International Financial Management), UTAS (2022)
- Vice-Chancellor Commendation for Teaching Excellence (Unit: Banking and Financial Institutions), UTAS (2015)
- Teaching Development Grant, UTAS (2015)
- Vice-Chancellor Commendation for Teaching Excellence (Unit: Intermediate Macroeconomics), UTAS (2014)
- Teaching Merit Award (Unit: International Financial Management), UTAS

Nominations

- Paul Bourke Award for Early Career Research (best young social researcher in Australia), Academy of the Social Sciences in Australia, 2017
- Vice-chancellor Award for Outstanding Research Performance by a New Researcher, 2017
- Paul Bourke Award for Early Career Research (best young social researcher in Australia), Academy of the Social Sciences in Australia, 2016
- Vice-chancellor Award for Outstanding Research Performance by a New Researcher, 2016
- Vice-chancellor Award for Outstanding Research Performance by a New Researcher, 2015

Visiting

- University of Queensland, School of Economics and Sustainable Mineral Institute 2024
- University of Rome at Vergata, Italy, School of Business 2024
- University of Bolzano, Italy, School of Management and Economics 2024
- Monash University, School of Economics 2023
- Australian National Treasury, 2022
- Australian National University, Research School of Economics, 2019
- Free University of Bozen-Bolzano, Faculty of Economics and Management 2019

- Australian National University, Research School of Economics, 2018
- Free University of Bozen-Bolzano, Faculty of Economics and Management 2017
- Australian National University, Research School of Economics, 2017
- Australian National University, Research School of Economics, 2016
- Centre for Applied Macroeconomic and Commodity Prices, BI Norwegian School of Business and Economics, Norway
- Norges Bank, research department, Norway 2015
- Norges Bank, research department, Norway 2014

Consulting

- Economic Research Institute for ASEAN and East Asia (ERIA) 2024
- The Australian Treasury 2024
- The Australian Treasury 2022-present
- The Australian Taxation Office 2022
- The World Bank 2020

Conferences and Presentations

- Griffith University, School of Economic Seminar Series, Australia 2024
- Sustainable Mineral Institute, University of Queensland, Australia 2024
- Annual Conference of Society of Italian Economists, Bolzano 2024
- ERIA Hosts Working Group Meeting on the Supply Chain of Critical Minerals 2024
- Workshop on Climate Change: Navigating the Energy Transition, Monash University, November 2023
- Australian National Treasury, Macroeconomic Research Group, “*The Macroeconomic Potential of Critical Minerals in Australia*” Australia 2023
- Clean Energy Financial Corporation, Investment Group Clean Energy Financial Corporation, Investment Group, Australia 2023
- Australian National Treasury, Macroeconomics “Critical Minerals and Energy Transition”, 2022
- Australian, Macroeconomic Research Group, 2022
- Australian National Treasury, Macroeconomic Research Group, 2022
- Committee for Economic Development (CEDA), the State of the Australian and Tasmanian Economy 2021
- Workshop of the Australasian Macroeconomics Society, 2021
- Covid-19 and the Macroeconomy, CAMA Webinar, 2020
- First Dolomiti Macro Meeting, Castelrotto, Italy, 2019
- Masterclass on “Forecasting and Nowcasting Techniques, and Modelling International Spillover of Oil and Commodities Shocks, Australian, The Treasury, Canberra, Australia 2019
- 31st PhD Conference in Economics and Business University of New South Wales Business School, Sydney, Australia 2018
- Australian National University, Macroeconomic Seminar Series, Canberra Australia 2017
- The 10th Computational and Financial Econometrics Conference (CFE), Seville, Spain, 2016
- Australian Treasury/Centre for Applied Macroeconomics Analysis “Shaping the Next Decade: Economic Trends in the Global Economy, Canberra Australia 2016.
- Centre for Applied Macroeconomic and Petroleum Economics-University of Melbourne joint Applied Macroeconometrics Workshop", Melbourne Australia 2015
- Economic Society of Australia, Tasmanian Branch, Hobart Australia 2015
- The Society of Nonlinear Dynamic and Econometrics, Oslo, Norway, 2015
- Norges Bank, Workshop on Empirical Macroeconomics, Oslo, Norway 2015

Referee Activity

Journal of Applied Econometrics, Journal of Banking and Finance, Journal of International Money and Finance, International Journal of Forecasting, World Bank Group, Energy Economics, Economics Letters, Canadian Journal of Economics, the Energy Journal, Energy Policy, Economic Record, Economic Modelling, Journal of Macroeconomics, Applied Economics, International Economics, Applied Economics Letters, Journal of International Financial Markets, Institutions and Money, Emerging Market Reviews, Economic Bulletin, Australian Economic Review, Australian Economic History Review, Economic Papers, International Journal of Food and Agricultural Economics, Journal of Asian Economics, International Journal of Economics and Finance, Emerging Markets Finance and Trade, Economics Analysis and Policy, Energies, International Review of Economics and Finance, Economics and Business Letters, Journal of Risk and Financial Management, Economic Change and Restructuring, Economic Systems.