

ANELÍ BONGERS

Department of Economics ◊ Campus El Ejido s/n, 29013 ◊ Málaga ◊ Spain

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EDUCATION

PhD Economics Department of Economics	University of Malaga December 2015
MA in Economics (International Cooperation and Development Policies)	University of Malaga December 2010
BA in Economics Faculty of Economics and Business	University of Malaga June 2006

FIELDS OF INTEREST

Technological Change and Economic Growth, Environmental Economics, International Economics, Income Distribution, Operational Research.

POSITIONS

Researcher (Investigadora Postdoc)	Department of Economics, University of Malaga. February 1, 2022-current.
Temporary Assistant Professor (Profesor Sustituto Interino)	Department of Economics, University of Malaga. October 1, 2021-January 31, 2022.
Young Talented Researcher (Investigadora Joven Postdoc)	Department of Economics, University of Malaga November 15, 2019-September 31, 2021.
Temporary Assistant Professor (Profesor Sustituto Interino)	Department of Economics, University of Malaga. October 21, 2009-November 14, 2019.

PUBLICATIONS

Papers in Journals

Bongers, A. and Tamor, M.A. (2022): Climate change, energy transition and global temperature stabilization. **Climate Change Economics**, forthcoming.

Bongers, A. (2022): Learning-by-doing, organizational forgetting, and the business cycle. **Bulletin of Economic Research**, forthcoming.

Bongers, A. and Casas, P. (2022): The circular economy and the optimal recycling rate: A macroeconomic approach. **Ecological Economics**, 199, 107504.

Bongers, A., Díaz-Roldán, C. and Torres, J.L. (2022): Highly skilled international migration, STEM workers, and innovation. **Economics**, 16 (1), 73-89.

Bongers, A., Díaz-Roldán, C. and Torres J.L. (2021): Brain Drain or Brain Gain? International labor mobility and human capital formation. **Journal of International Trade and Economic Development**, 31(5), 647-671.

- Bongers, A., Gómez, T. and Torres, J.L. (2021): Dynamic macroeconomic models with Excel. **Journal of Economic Education**, 52(4), 372.
- Bongers, A. and Torres J.L. (2021): A bottleneck combat model: an application to the Battle of Thermopylae. **Operational Research**, 21(4), 2859-2877.
- Bongers, A. (2021): Energy mix, technological change, and the environment. **Environmental Economics and Policy Studies**, 24(3), 341-364.
- Bongers, A. (2021): Economic growth and the functional distribution of income: A labor share Kuznets curve. **Economics Bulletin**, 41(1), 192-200.
- Bongers, A. and Picatoste, X. (2021): Productivity growth: Technological progress and technical efficiency. **Atlantic Economic Journal**, 49(1), 10, 103.
- Bongers, A. and Picatoste, X. (2021): Contribución del Análisis Económico a la docencia en Políticas Públicas, **E-pública**. 28, 29-47.
- Bongers, A. (2020): The environmental Kuznets curve and the energy mix: A structural estimation. **Energies**, 13(10), 1-21.
- Bongers, A., Gómez, T. and Torres, J.L. (2020). Teaching Dynamic General Equilibrium Macroeconomics to Undergraduates using a Spreadsheet. **International Review of Economics Education**, 35, 1-11.
- Bongers, A. (2020): Energy efficiency, emission energy, and the environment. **Energy Research Letters**, 1(2), 1-5.
- Bongers, A. and Torres, J.L. (2020): Factores determinantes del crecimiento económico: Una comparativa a nivel mundial. **Papeles de Economía Española**, 164, 15-40.
- Bongers, A and Torres J.L. (2020): Revisiting the Battle of Midway: A counterfactual analysis. **Military Operation Research**, 25(2), 49-68.
- Bongers, A and Díaz-Roldan, M.C. (2019): Stabilization policies and technological shocks: Towards a sustainable economic growth path. **Sustainability**, 11(1),1-19.
- Bongers, A. and Torres, J.L. (2018): Fiscal policy, the trade balance and the Twin deficit hypothesis. **Cuadernos de Economía, Información Comercial Española**, 94, 33-56.
- Bongers, A. (2017): Learning and forgetting in the jet fighter aircraft industry. **Plos One**, 14 (9), 1-19.
- Bongers, A., Gómez, T. and Torres, J.L. (2017): Una aproximación alternativa a la enseñanza de la Macroeconomía: La Macroeconomía Computacional, **E-pública**, 21, 1-21.
- Bongers, A. Torres, J.L. (2014): Technological change in U.S. jet fighter aircraft. **Research Policy**, 43, 1570-1581.
- Bongers, A. and Torres, J.L. (2014): Measuring technological trends: A comparison between U.S. and U.S.S.R./Russian jet fighter aircraft. **Technological Forecasting and Social Change**, 87, 125-134.

Book's Chapters

- Bongers, A. (2020): Economic Growth, Technological Progress and Technical Efficiency: A World Comparative 1970-2014. **Economic Policies for Development: Beyond the Millennium Goals**, Chapter 6. Nova Science Publishers.
- Bongers A., Molinari B. (2020): Economic Growth, Technological Progress, and Employment. Decent Work and Economic Growth. **Encyclopedia of the UN Sustainable Development Goals**. Springer.

Bongers, A. and Díaz-Roldán, C. (2018): On the adjustment mechanisms in open economies: The road from exchange rates to monetary unions. **Monetary Union: Background Advantages and Disadvantages**, Chapter 4. Nova Science Publishers.

Books

Bongers, A., Gómez, T. and Torres, J.L. (2020): **An Introduction to Computational Macroeconomics**. Vernon Press. ISBN: 678-1-62273-654-6.

Bongers, A., Gómez, T. and Torres, J.L. (2019): **Introducción a la Macroeconomía Computacional**. Vernon Press. ISBN: 978-1-62273-600-2.

Edited Books

Capó, J, Heredero, M.I. and Bongers, A. (2017): Libro de resumen de Ponencias de las IX Jornadas de Docencia en Economía, 2017. ISBN: 978-84-16929-67-2.

Ramos-Herrera, M.C. y Bongers, A. (2018): **Innovando en la motivación de los alumnos en las asignaturas de Economía**. Egregius Ediciones. ISBN: 9788417270285.

Bongers, A, Heredero M.I. and Corchuelo, B. (2018): Libro resumen de Ponencias de las X Jornadas de Docencia en Economía, 2018. ISBN: 978-84-17293-40-6.

RESEARCH PRIZES

Young Researcher Award in Social Sciences. IX Edition of Research Price Marjorie Grice-Hutchinson. Second Prize to the article "Technological change in U.S. jet fighter aircraft", published in the journal **Research Policy**. University of Málaga, 2016.

VISITING

Visiting Scholar: Department of Economics, Facultad de Derecho y Ciencias Sociales de la Universidad de Castilla La-Mancha. Ciudad Real, September 15, 2022-November 15, 2022.

Visiting Scholar: Department of Economics, Facultad Ciencias Económicas y Empresariales de la Universidad Autónoma de Madrid. Madrid, November 18, 2019-January 31, 2021.

Visiting Scholar: Department of Economics, Facultad de Derecho y Ciencias Sociales de la Universidad de Castilla La-Mancha. Ciudad Real, July 1, 2019-July 31, 2019.

Visiting Scholar: Department of Economics, Facultad de Economía y Empresa de la Universidad de A Coruña. A Coruña, September 17, 2018-September 30, 2018.

Visiting Scholar: Department of Economics, Facultad de Derecho y Ciencias Sociales de la Universidad de Castilla La-Mancha. Ciudad Real, July 1, 2018-July 31, 2018.

GRANTS AND FELLOWSHIPS

Research Project "Fiscal deficit and the current account: An analysis of the twin deficits", Instituto de Estudios Fiscales, Ministerio de Hacienda. June 1, 2021-July 31, 2022. (Principal Investigator, PI).

Research Fellowship (Contrato de reincorporación de doctores, PAIDI2020). February 1, 2022-January 31, 2025. (Principal Investigator, PI).

Research Project "Investigación en desarrollo y desigualdad, innovación y medioambiente", PID2019-1071616B-C33. Ministerio de Ciencia y Tecnología. June, 1, 2020-May 31, 2023. (Work Team Member).

Research Fellowship. European Regional Development Fund (ERDF) Research Program, "Human Capital and International Movility of Workers", UMA18-FEDERJA-145, November 15, 2019-November 14, 2021. (Principal Investigator, PI).

Research Project "Investigación sobre capital y desigualdad y sobre tecnología y medio ambiente", ECO 2016-76818-C3-2-P. Ministerio de Ciencia y Tecnología. September 27, 2016-October 16, 2019. (Work Team Member).

Research Project "Short and long-run effect of public road investment", I+D+i Research Projects Junta de Andalucía, March 1, 2011-March 31, 2012. (Researcher).

Research Project "Economic Analysis", SEJ-122. Junta de Andalucía. November 22, 2009-Current. (Researcher).

Researcher Fellowship, "Human Capital, Technological Progress and Productivity Growth", Fundación Centra de Estudios Andaluces, Junta de Andalucía. March 1, 2015-December 31, 2015. (Researcher).

INNOVATIVE EDUCATION PROJECTS

Innovative Education Project: Utilización de la Dinámica de Sistemas para la enseñanza de la Macroeconomía. Universidad de Málaga, October 2019-September 2021.

Innovative Education Project: Incorporación de simulaciones numéricas a la enseñanza de la asignatura de macroeconomía en el grado de economía. Universidad de Málaga, December 2017-December 2019.

Innovative Education Project: Utilización de la herramienta "Solver" de Excel para resolver problemas de optimización dinámico: Aplicaciones al problema del consumidor. Universidad de Málaga, November 2013-October-2015.

Innovative Education Project: Herramientas de Auto-aprendizaje para la economía usando la hoja de cálculo Excel. Universidad de Málaga, May 2011-September 2012.

Innovative Education Project: Teaching Innovation for High Education. Universidad de A Coruña. 2018-current.

ORGANIZATION OF SCIENTIFIC EVENTS

XXIII Conference on International Economics, Universidad de Malaga, June 2022. Member of the Organizing Committee.

I International Conference on Teaching Innovation, Madrid, 2019. Member of the Organizing Committee.

VIII International Conference on Economic Development and Social Sustainability (EDaSS), University Jaume I, Castellón, 2019. Member of the Organizing Committee.

VII International Conference on Economic Development and Social Sustainability (EDaSS), Universidad Autónoma de Madrid, Madrid, 2018. Member of the Organizing Committee.

VII International Conference on Communication and Digital Information. Universidad de Zaragoza, Zaragoza, 2017. Member of the Organizing Committee.

I International Conference on Teaching Innovation. Universidad de Sevilla, Sevilla, 2017. Member of the Organizing Committee.

IX Conference on Economic Education. Universidad de Málaga, Málaga, 2017. Member of the Organizing Committee.

66th European Meeting of the Econometric Society and the 27th Annual Congress of the European Economic Association. Universidad de Málaga, Málaga, 2012. Member of the Organizing Committee.

PRESENTATIONS AT CONFERENCES

Research Conferences

X International Conference on Economic Development and Social Sustainability (EDaSS), Universidad Nacional de La Matanza, Buenos Aires, 2021.

IX International Conference on Economic Development and Social Sustainability (EDaSS), Universidad de A Coruña, A Coruña, 2020.

90th International Atlantic Economic Society Conference, Washington, 2020.

XXI Conference on International Economics, Universidad de Castilla-La Mancha, Toledo, 2020.

VII International Conference on Economic Development and Social Sustainability (EDaSS), Univesidad Jaume I, Castellón 2019.

XVI Edition of the International Scientific Conference, University of Targu Jiu (Rumania), 2019.

87th International Atlantic Economic Society Conference, Athens, 2019.

XV Edition of the International Scientific Conference, University of Targu Jiu (Rumania), 2018.

VII International Conference on Economic Development and Social Sustainability (EDaSS), Universidad Autónoma de Madrid, Madrid, 2018.

XX Reunión de Economía Mundial, Universidad de Almería, 2018.

Economic Education Conferences

XIV Jornadas de Docencia en Economía, Universidad de Castilla-La Mancha, Toledo, 2022.

XII Jornadas de Docencia en Economía, Universidad de Vigo, 2020.

I International Conference on Teaching Innovation, Madrid, 2019.

XI Jornadas de Docencia en Economía, Universidad de Zaragoza, Zaragoza, 2019.

X Jornadas de Docencia en Economía, Universidad de Extremadura, Badajoz, 2018.

VII International Conference on Communication and Digital Information, University of Zaragoza, Zaragoza, 2017.

Conference on Economcis and Welfare in the Digital Era, Universidad de A Coruña, A Coruña, 2017.

I Congreso Internacional de Innovación y Tendencias Educativas, Universidad de Sevilla, Sevilla, 2017.

IX Jornadas de Docencia en Economía, Universidad de Málaga, Málaga, 2017.

VIII Jornadas de Docencia en Economía, Universidad Autónoma de Madrid, Madrid, 2016.

II Jornadas de Docencia en Economía, 2010.

SCIENTIFIC PROGRAM COMMITTEES

XXIV Conference on International Economics, Universidad de Alcalá de Henares, June 2023.

XXIII Conference on International Economics, University of Málaga, June 2022.

IX Jornadas de Docencia en Economía. Universidad de Málaga, Málaga, 2017.

X Jornadas de Docencia en Economía. Universidad de Extremadura, Badajoz, 2018.

XI Jornadas de Docencia en Economía. Universidad de Zaragoza, 2018.

TEACHING

Undergraduate Teaching: Introduction to Economics, Political Economy, Macroeconomics, Microeconomics, International Economics, Advanced Macroeconomics.

Graduate Teaching: Monetary Economics, Banking and Finance (University of Malaga), Income Inequality (University of A Coruña).

Invited Teaching Seminars: Human Capital and International Migration (University of Castilla-La Mancha, 2019), Returns to Education (University of Castilla-La Mancha, 2017).

PHD THESIS ADVISOR

Daniel Megía, Análisis de escenarios eficientes en la industria del fútbol. University of Malaga, 2022.

REFEREE ACTIVITIES

Technological Forecasting and Social Change, Energy Economics, International Review of Economic Education, Plos One, Naval Research Logistic, Operational Research, European Journal of Government and Economics, Computers and Education, Sustainability.

LANGUAGES

Spanish (Native), English, Chinese (Fluent).

OTHERS

Married, one daughter (11 years old) and one son (8 years old).