

Angeles Sánchez

Department Applied Economics. University of Granada. Campus Cartuja s/n. 18071 Granada, Spain
sancheza@ugr.es <https://www.ugr.es/~sancheza/> <https://orcid.org/0000-0002-4985-1370>

Education

Ph.D. in Economics. University of Granada (Spain), Department of Applied Economics, 1999. Title: "Instrumentation of the regional economic policy of Andalusia, 1946-1996: theory and practice" (Instrumentación de la política económica regional de Andalucía, 1946-1996: teoría y práctica).

B.A. in Business and Administration. Universidad Pontificia de Comillas (Madrid, Spain), 1988.

Research Interest

Construction of composite indicators and their applications to socioeconomic phenomena.

Economics of inequality: income inequality, deprivation and poverty.

Public policies in the welfare state: public spending policies, subjective well-being, European Union Cohesion Policy, health system responsiveness.

Angeles is currently working on child poverty with a team of researchers from the University of Pisa (Italy), Parthenope University of Naples (Italy) and Bielefeld University (Germany).

Professional Experience

Associate Professor. University of Granada (Spain). June 2003-present.

Assistant Professor. University of Granada (Spain). November 1991-May 2003.

Principal Investigator of the research group "Public Economy and Globalization-EPIC" SEJ393. December 2021-present.

Director of Postgraduate Course: Expert in Methods and Instrumental Techniques with Stata. International University of Andalusia (Baeza, Spain), February-September 2016.

Director of Summer Course: Methods and Instrumental Techniques with Stata. International University of Andalusia (Baeza, Spain), 2014-2019.

Awards and Honours

Prize for Doctoral Thesis in Social Sciences of the University of Granada (Spain), 1999.

Prize for the best article in the Progressive Economy Annual Forum (European Parliament). Article: "A progressive approach to the measurement of regional performance in the European Union". Brussels (Belgium), 2014.

First Prize for the best communication in the XVI Conference on Management and Evaluation in Health (Jornadas de Gestión y Evaluación en Salud). Article: "Socioeconomic determinants of a disease. The COVID-19 experience". Granada (Spain), 2022.

Two research complements by the National Commission for Evaluation of Research Activity (CNEAI) of Spain.

Five regional complements (research, teaching and management) by Junta de Andalucía (Spain).

Six teaching complements. Evaluation procedure of teaching by University of Granada (Spain).

Peer Reviewed Journals

- Sánchez, A., & Jiménez-Fernández, E. (2022). European Union Cohesion Policy: socio-economic vulnerability of the regions and the COVID-19 shock. *Applied Research in Quality of Life*. (forthcoming)
- Jiménez-Fernández, E., Sánchez, A., & Ortega-Pérez, M. (2022). Dealing with weighting scheme in composite indicators: an unsupervised distance-machine learning proposal for quantitative data. *Socio-Economic Planning Sciences*, 101339. <https://doi.org/10.1016/j.seps.2022.101339>
- Jiménez-Fernández, E., Sánchez, A., & Sánchez-Pérez, E. (2022). Unsupervised machine learning approach for building composite indicators with fuzzy metrics. *Expert Systems with Applications*, 200, 116927. <https://doi.org/10.1016/j.eswa.2022.116927>
- Moro-Egido, A.I., Navarro, M., & Sánchez, A. (2022). Changes in subjective well-being over time: Economic and social resources do matter. *Journal of Happiness Studies*. <https://doi.org/10.1007/s10902-021-00473-3>
- Sánchez, A., & Navarro, M. (2021). Public Policies of Welfare State and Child Poverty in the European Union. *Sustainability*, 13(5), 2725. <https://doi.org/10.3390/su13052725>
- Chica-Olmo, J., Sánchez, A., & Sepúlveda-Murillo, F.H. (2020). Assessing Colombia's policy of socio-economic stratification: An intra-city study of self-reported quality of life. *Cities*, 97, 102560. <https://doi.org/10.1016/j.cities.2019.102560>
- Fernández-Pérez, A., & Sánchez, A. (2020). Improving People's Self-Reported Experience with the Health Services: The Role of Non-Clinical Factors. *International Journal of Environmental Research and Public Health*, 17(1), 178. <https://doi.org/10.3390/ijerph17010178>
- Cuenca-García, E., Sánchez, A., & Navarro-Pabsdorf, M. (2019). Assessing the Performance of Least Developed Countries in terms of Millennium Development Goals. *Evaluation and Program Planning*, 72, 54-66. <https://doi.org/10.1016/j.evalprogplan.2018.09.009>
- Sánchez, A., & Ruiz-Martos, M.J. (2018). Europe 2020 Strategy and Citizens' Life Satisfaction. *Journal of Happiness Studies*, 19(8), 2315-2338. <https://doi.org/10.1007/s10902-017-9928-0>
- Sánchez, A., Chica-Olmo, J., & Jiménez-Aguilera, J.D. (2018). A Space-Time Study for Mapping Quality of Life in Andalusia during the Crisis. *Social Indicators Research*, 135(2), 699-728. <https://doi.org/10.1007/s11205-016-1497-9>
- Sánchez, A., & Lopez-Corral, A. (2018). Government Social Expenditure and Income Inequalities in the European Union. *Hacienda Pública Española/Review of Public Economics*, 227(4), 135-158. <https://doi.org/10.7866/HPE-RPE.18.4.5>
- Navarro, M., & Sánchez, A. (2018). Ingreso y Bienestar Subjetivo: el Efecto de las Comparaciones Sociales. *Revista de Economía Mundial*, 48, 139-156. <http://hdl.handle.net/10272/14722>
- Sánchez, A., Sánchez-Campillo, J., Moreno-Herrero, D., & Rosales, V. (2014). 2D:4D values are associated with mathematics performance in business and economics students. *Learning and Individual Differences*, 36, 110-116. <https://doi.org/10.1016/j.lindif.2014.10.001>
- Sánchez, A., & Ruiz-Martos, M.J. (2014). A Progressive Approach to the Measurement of Regional Performance in the European Union. *Journal for a Progressive Economy*, 3, 62-64.
- Montero Granados, R., Sánchez, A., & Jiménez Aguilera, J.D. (2014). El voto económico de los andaluces. Una aproximación dinámica por municipios. *Revista de Estudios Regionales*. 100, 245-268. <http://www.revistaestudiosregionales.com/documentos/articulos/pdf-articulo-2447.pdf>
- Martín Mesa, A. Sánchez, A., et al. (2007). Las cuentas del agua en Andalucía. *Observatorio Medioambiental*, 10, 213-242.

- Sánchez, A. (2004). Los desequilibrios territoriales de España. *Ciudad y Territorio. Estudios Territoriales*, XXXVI(140), 317-336. <https://recyt.fecyt.es/index.php/CyTET/article/view/75464>
- Sánchez, A. & Rodríguez, N. (2003). El bienestar social en los municipios andaluces en 1999. *Revista Asturiana de Economía*, 27, 99-119.
- Ortega Almón, M.A., Sánchez, A., & González Gómez, F. (2003). Privatization, deregulation and competition: evidence from Spain. *Revista de Economía del Rosario*, 6(1), 1-21. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=928478
- Sánchez, A., & Ortega Almón, M.A. (2003). La política de cohesión y la ampliación de la Unión Europea. Especial referencia a los casos de España, Grecia y Portugal. *Boletín Económico de ICE*, 2.765, 33-44.
- Sánchez, A., & Ortega Almón, M.A. (2003). Las expectativas de las regiones españolas ante la ampliación de la Unión Europea. *Revista Cuadernos Aragoneses de Economía*, 13(2), 485-498.
- Sánchez, A. (2002). Fundamentos teóricos de la política económica regional en España. *Anales de Estudios Económicos y Empresariales*, 15, 215-235. <https://dialnet.unirioja.es/servlet/articulo?codigo=794221>
- Sánchez, A., & Ortega Almón, M.A. (2002). La integración económica y las disparidades regionales en la Unión Europea. *Estudios de Economía Aplicada*, 20(1), 261-274. <http://www.redalyc.org/articulo.oa?id=30120102>
- Ortega Almón, M.A., & Sánchez, A. (2002). La política de privatizaciones en España. *Momento Económico*, 122, 32-40.
- Sánchez, A., & Ortega Almón, M.A. (2002). The effects of European integration in the economic regional disparities: special reference to the Spanish case. *Teoria e Evidência Econômica/Brazilian Journal of Theoretical and Applied Economics*, 10(18), 9-29.
- Ortega Almón, M.A., & Sánchez, A. (2002). El Sector Público Empresarial de las Comunidades Autónomas: un análisis comparativo. *Revista de Gestión Pública y Privada*, 7, 169-188. <https://dialnet.unirioja.es/servlet/articulo?codigo=280579>
- Ortega Almón, M.A., & Sánchez, A. (2001). The privatization process in Spain 1985-2001. *Teoria e Evidência Econômica/Brazilian Journal of Theoretical and Applied Economics*, 9(17), 9-24.
- Sánchez, A. (2001). Fundamentos teóricos y efectos económicos del Plan Jaén de 1953. *Boletín del Instituto de Estudios Giennenses*, 179, julio-diciembre, 269-305. <https://dialnet.unirioja.es/servlet/articulo?codigo=1148842>
- Ortega Almón, M.A., & Sánchez, A. (2001). Política de adaptación de la empresa pública española en el marco de la Unión Europea. *Revista de Estudios Europeos, Instituto de Estudios Europeos*, 28, mayo-agosto, 21-44.
- Sánchez, A. (1999). La política regional en el primer franquismo. Los planes provinciales de ordenación Económica y Social. *Revista de Historia Industrial*, 16, 91-112. <https://www.raco.cat/index.php/HistorialIndustrial/article/view/63344/84982>

Books, Book Chapters and Published Reports

- Sánchez, A. (2022). Design thinking for developing a formative assessment system in a Master's Degree Programme. In *International Handbook of Innovation and Assessment of the Quality of Higher Education and Research*. Thomson Reuters.
- D'Agostino, A., Ghellini, G., Navarro, M., & Sánchez, A. (2021). Overview of the Quality of Life in Europe. In G. Betti & A. Lemmi (eds.), *Analysis of Socio-Economic Conditions: Insights from a Fuzzy Multidimensional Approach*. Routledge, Taylor & Francis Group.

- Sánchez, A., & Navarro, M. (2021). Child poverty and government social spending in the European Union during the economic crisis. In C. Perna, (eds.), N. Salvati & F. Chirripa, *Book of Short Papers SIS2021*. Pearson. (pp. 442-447) <https://it.pearson.com/content/dam/region-core/italy/pearson-italy/pdf/Docenti/Universit%C3%A0/pearson-sis-book-2021-parte-1.pdf>
- Moro-Egido, A., Navarro, M., & Sánchez, A. (2017). Changes in Subjective Well-Being in Germany over Time. *The Papers, Working Papers*, 17/05. Universidad de Granada. <https://ideas.repec.org/p/gra/wpaper/17-05.html>
- Fernández Pérez, A., & Sánchez, A. (2017). Los factores no clínicos como determinantes de la satisfacción con el sistema sanitario público en España. *FEG Working Paper Series*, 01/17. Universidad de Granada. <https://ideas.repec.org/p/gra/fegper/01-17.html>
- Sánchez, A., & Ruiz-Martos, M.J. (2016). Europe 2020 Strategy Under the Scope of Life Satisfaction. *The Papers, Working Papers*, 01/16. Universidad de Granada. <https://ideas.repec.org/p/gra/wpaper/16-01.html>
- Chica-Olmo, J., & Sánchez, A. (2016). Distribución Espacial del Bienestar en los Municipios de Andalucía. In *Investigaciones en Métodos Cuantitativos para la Economía y la Empresa* (pp. 151-163). Editorial Universidad de Granada.
- Sánchez, A., & Navarro, M. (2014). La desigualdad en los países desarrollados: cohesión social y bienestar. In García Lizana, A., Fernández, A. & Podadera, P. *La Ciencia Económica y los economistas ante los desafíos de la sociedad. Balance de 50 años*. Madrid: Delta Publicaciones. <https://dialnet.unirioja.es/servlet/articulo?codigo=5056609>
- Jiménez, J.D., Sánchez, A., Montero, R., & Quesada, J.M. (2013). Dinamismo económico y comportamiento electoral en Andalucía: un análisis municipal. In Navarro, C. & Camas-García, F. (eds.). *Panorámicas de la Gobernanza Local de Andalucía 2012* (pp. 15-37). Factoría de Ideas, FI 06/13. Sevilla: Centro de Estudios Andaluces.
- Jiménez, J.D., Sánchez, A., Montero, R., & López, R. (2013). Una propuesta de elaboración de indicadores de desarrollo sostenible en los municipios andaluces. In Camacho, J.A. & Jiménez, Y. *Desarrollo regional sostenible en tiempos de crisis*. Granada: Editorial Universidad de Granada Comares. <https://digibug.ugr.es/handle/10481/27516>
- Sánchez, A., & Ruiz-Martos, M.J. (2013). Europe 2020 strategy: a strategy for which type of growth?. *The Papers, Working Papers*, 13/11. Universidad de Granada. <https://ideas.repec.org/p/gra/wpaper/13-11.html>
- Sánchez, A., Chica-Olmo, J., & Jiménez-Aguilera, J.D. (2013). Geographical patterns of overall well-being across municipalities of Andalusia. *FEG Working Papers Series*, 1/13, Universidad de Granada. <https://ideas.repec.org/p/gra/fegper/01-13.html>
- Sánchez, A., Sánchez-Campillo, J., Moreno-Herrero, D., & Rosales, V. (2013). Performance in Mathematics and Digit Ratio: Evidence from 500 University Students. *The Papers, Working Papers*, 13/04. Universidad de Granada. <https://ideas.repec.org/p/gra/wpaper/13-04.html>
- Jiménez, J.D., Sánchez, A., Montero, R., & Quesada, J.M. (2012). El comportamiento electoral en Andalucía: un análisis municipal. *Documento de Trabajo* E2012/06. Sevilla: Centro de Estudios Andaluces. <https://dialnet.unirioja.es/servlet/articulo?codigo=5730078>
- Sánchez, A., & García Quero, F. (2011). Crisis económica y cambio institucional en España: de la Gran Depresión a la crisis de 2008. *FEG Working Papers Series*, 2-11. Universidad de Granada. <https://digibug.ugr.es/handle/10481/29184>
- Sánchez, A. (2009). Los polos de crecimiento en Andalucía: una visión crítica del polo de Huelva. In De la Torre, J. & García-Zúñiga. *Entre el Mercado y el Estado. Los planes de desarrollo durante el franquismo* (pp. 321-345). Pamplona: Universidad Pública de Navarra.

Martín, A., Sánchez, A. et al. (2006). Las cuentas económicas del agua en Andalucía. *Ambientalia*, Libro del Congreso (pp. 259-286). Granada: Federación Andaluza de Ciencias Ambientales.

Sánchez Domínguez, A. (2001). *Instrumentación de la Política Económica Regional en Andalucía, 1946-2000: fundamentos teóricos y evidencia empírica*. Editorial Universidad de Granada.

Sánchez, A. (2000). Stock de capital. In Sáez, J. *La provincia de Granada en los albores del siglo XXI* (pp. 43-59). Editorial Universidad de Granada.

Sánchez, A. (2000). La economía de Granada en la España de las autonomías y en la Unión Europea. In Sáez, J. *La provincia de Granada en los albores del siglo XXI* (pp. 123-144). Editorial Universidad de Granada.

Research Projects (Supervisor)

ERDF-University of Granada (B-SEJ-242.UGR20), 2021-2023: An innovative methodological approach for measuring multidimensional poverty in Andalusia (COMPOSITE).

University of Granada and University Hospital Virgen de las Nieves (Granada), 2021-2022. Socio-economic factors associated with the incidence of COVID-19 in the Granada Metropolitan Area.

University of Granada and University Hospital Virgen de las Nieves (Granada), 2020-2021. Identification of vulnerable areas to improve control of COVID-19.

Research Projects (Co-Investigator)

Continental University (Peru) (PFSI-2074), 2021-2022: Determinants of poverty in Peru before and during the Covid 19 pandemic. An analysis under a subjective approach and implications for public policy.

Spanish Ministry of Economy and Competitiveness and European Regional Development Fund (ECO2015-66553-R), 2016-2019: *Analysis of Welfare and Satisfaction with Health Care*.

University of Medellin, Colombia (code 881/2017), 2017-2018: *Modelización Espacial de los Determinantes de la Calidad de Vida en los Hogares de Medellín*.

Foundation Business-University of Granada, 2012: Impacto socio-económico de la reactivación de la minería de hierro en la Comarca del Marquesado del Zenete y consideración de inversión estratégica de acuerdo a la Ley 4/2011.

Foundation Centro de Estudios Andaluces, Junta de Andalucía (PRY 080/10), 2010-2011: *Factores económicos, bienestar social y comportamiento electoral en Andalucía: un modelo explicativo desagregado a nivel municipal*.

International University of Andalusia and Water Institute of Andalusia, Spain, 2002-2007: *Elaboración de las Cuentas del Agua de Andalucía (Water Accounts of Andalusia)*.

Foundation Business-University of Granada, 2002-2003: *La intervención pública estatal y autonómica en la provincia de Granada: dotación de capital, niveles de infraestructuras e inversión real*.

International University of Andalusia, 2001-2002: *Ordenación del territorio: impacto de la normativa urbanística*.

Conference Presentations

47th International Conference on Regional Science, Granada (Spain), 2022.

61st European Regional Science Association (ERSA) congress, Pécs (Hungary), 2022.

XVI Conference on Management and Evaluation in Health, Granada (Spain), 2022.

XXIX Public Economics Meeting, Madrid (Spain), 2022.

63rd ISI World Statistics Congress, Hague (Netherlands), 2021.

2021 Virtual Conference of the International Society for Quality-of-Life Studies, Rotterdam (Netherlands), 2021.

50th Meeting of the Italian Statistical Society, Pisa (Italy), 2021.

2020 Virtual Conference of the International Society for Quality-of-Life Studies, Rotterdam (Netherlands), 2020.

17th Conference of the International Society for Quality-of-Life Studies, Granada (Spain), 2019.

XLV International Conference on Regional Science, Castellón (Spain), 2019.

XX Applied Economics Meeting, Zaragoza (Spain), 2017.

XXXVII Conference on Health Economics, Barcelona (Spain), 2017.

XXIV Public Economics Meeting, Toledo (Spain), 2017.

XIX Applied Economics Meeting, Sevilla (Spain), 2016.

XXXV Conference on Health Economics, Granada (Spain), 2015.

II Progressive Economy Annual Forum, Brussels (Belgium), 2015.

XXVIII Conference of the International Association of Applied Economics (ASEPELT), Málaga (Spain), 2014.

I Progressive Economy Annual Forum, Brussels (Belgium), 2014.

XX Meeting of Public Economy, Sevilla (Spain), 2013.

XXXIX International Conference on Regional Science, Oviedo (Spain), 2013.

SABE Conference (Society for the Advancement of Behavioral Economics), Granada (Spain), 2012.

10th AEHE International Conference, Carmona (Spain), 2011.

XII Congreso de la Asociación Andaluza de Ciencia Regional, Granada (Spain), 2011.

9th AEHE International Conference, Murcia (Spain), 2008.

I Congreso Internacional sobre Gestión y Tratamiento Integral del Agua, Córdoba (Argentina), 2006.

IX Applied Economics Meeting, Jaén (Spain), 2006.

V Congreso de Ciencias Ambientales, Granada (Spain), 2006.

IV Congreso Ibérico sobre Gestión y Planificación del Agua, Tortosa (Spain), 2004.

V Congreso de la Asociación Andaluza de Ciencia Regional, Cádiz (Spain), 2003.

XXVIII International Conference on Regional Science, Murcia (Spain), 2002.

V Jornadas de Política Económica Bilbao (Spain), 2002.

XXVII International Conference on Regional Science, Madrid (Spain), 2001.

XXV International Conference on Regional Science, Sevilla (Spain), 1999.

XII Conference of the International Association of Applied Economics (ASEPELT), Burgos (Spain), 1999.

XXII International Conference on Regional Science, Pamplona (Spain), 1996.

Invited Seminars

University of Bielefeld (Germany), Winter School “Children’s well-being in a transformative World”, 2022.

University of Siena (Italy), Department of Economics and Statistics, 2020.

Universidad Nacional San Antonio Padua de Cusco (Perú), Máster en Economía, módulo Pobreza y Políticas Sociales, 2020.

Parthenope University of Naples (Italy), Department of Business and Quantitative Studies, 2019.

Faculty of Economics, University of Granada (Spain), 2019.

Health Economics and Policy Analysis Centre, National University of Galway (Ireland), 2018.

Conference on Quantitative Analysis in Economics, University of Granada (Spain), 2018.

Health Economics and Policy Analysis Centre, National University of Galway (Ireland), 2017.

Reunión Científica Investigaciones en Métodos Cuantitativos para la Economía y la Empresa, Universidad Granada (Spain), 2016.

Workshop El bienestar de las personas: ¿Qué aportan los economistas?, Universidad Granada (Spain), 2014.

1st Xmas Xperimental Workshop-XXM, University of Granada (Spain), 2013.

Ciclo perspectivas de la crisis económica, Universidad Granada (Spain), 2009.

Teaching (Undergraduate Courses, 2021-2022)

- Economy of Public Spending.
- Microeconomics.
- Introduction to Economy.

Teaching (Postgraduate: Master and Ph.D. Courses, 2021-2022)

- Fiscal Policy in the European Union.
- Income inequality.
- Methodological courses.

Supervisions

One International Doctoral Thesis (presented in October 2019), two ongoing Doctoral Thesis, 19 Master Dissertations plus one ongoing and 7 Degree-Dissertations in the University of Granada. Three Degree-Dissertations in the Leeds Metropolitan University (United Kingdom).

Funded Training Innovation Projects (Supervisor)

University of Granada, Program FIDO (PIBD 528-19), 2019-2020: *Innovative teaching techniques for higher education courses taught in English.*

University of Granada (111-11), 2011-2013: *Experiments to learn economics.*

European Union, University of Economics of Prague (Czech Republic) and University of Granada (TEMPUS PHARE JEP 7614-94), 1994-1997: *Community of European Management Schools-common body of knowledge.*

Visiting

Visiting Professor. Department of Business and Quantitative Studies, Parthenope University of Naples (Italy). December 2019.

Visiting Professor. Health Economics and Policy Analysis Centre (HEPAC), National University of Ireland, Galway (Ireland). July 2017 and June-July 2018.

Scholar Visiting. University of Economics of Prague (Czech Republic). May 1997.

Scholar Visiting. University of Economics of Bratislava (Slovakia). May 1996.

Scholar Visiting. University of Stirling (United Kingdom). April 1995.

Scholar Visiting. University of Economics of Prague (Czech Republic). September 1994.

Research Stay. Department of Economics, University of Reading (United Kingdom). April-May 1993.

Referee Activity

Journal of Happiness Studies, Economic Modelling, Economic Research, Social Indicators Research, Applied Research in Quality of Life, British Journal of Industrial Relations, Journal of Housing and the Built Environment, International Journal of Environmental Research and Public Health, Sustainability, Economies, Applied Economics Letters, Economics and Business Letters, PLOS ONE, Studies of Applied Economics, International Journal of Sustainable Development, Cost Effectiveness and Resource Allocation, Revista de Estudios Regionales and OBETS-Revista de Ciencias Sociales.

Editor Activity

Associate Editor of the journal Studies of Applied Economics (from 2019).

Topic Editor of Sustainability (2020-2021).

Guest Editor in Sustainability (2020-2021), special issue "The Sustainability of the Housing Market and the Welfare State".

Guest Editor in Studies of Applied Economics, January 2020 special issue "Challenges in the construction of composite indicators".

Guest Editor in Societies (2018-2019), special issue "Subjective Well-being Under the Scope of Public Policies".

Special Session Organizer in the 47th International Conference on Regional Science (RSA Spain), 2022. S03: "Challenges in the construction of composite indicators for monitoring public policies".

Memberships

International Association of Applied Economics (ASEPELT).

International Society for Quality-of-Life Studies (ISQOLS).

Research Papers in Economics (RePEc).