

CV Date	04/12/2025
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## Part A. PERSONAL INFORMATION

First Name	Borja		
Family Name	Moya Gómez		
Sex	Male	Date of Birth	25/02/1986
ID number Social Security, Passport	****6583*		
URL Web	<a href="https://www.researchgate.net/profile/Borja_Moya-Gomez">https://www.researchgate.net/profile/Borja_Moya-Gomez</a>		
Email Address	bmoyagomez@ucm.es		
Open Researcher and Contributor ID (ORCID)	0000-0002-0520-039X		

### A.1. Current position

Job Title	Assistant Professor		
Starting date	2021		
Institution	Universidad Complutense de Madrid		
Department / Centre	Geography / Faculty of Geography and History		
Country	Spain	Phone Number	(+34) 913945949
Keywords			

### A.2. Previous positions (Research Career breaks included)

Period	Job Title / Name of Employer / Country
2020 - 2021	Postdoctoral Fellow (Juan de la Cierva–2018 Training Aids for Labour Contracts) / Universidad Politécnica de Madrid / Spain
2019 - 2020	Research Associate / Universidad Complutense de Madrid / Spain
2016 - 2019	Research Assistant / Universidad Complutense de Madrid / Spain
2013 - 2016	Predocctoral Fellow / Universidad Complutense de Madrid / Spain
2010 - 2010	Technical engineer / Tevaseñal / Spain
2009 - 2009	Technical engineer - Road mantinance staff / Tevaseñal / Spain
2008 - 2009	Organization technician / Tevaseñal / Spain

### A.3. Education

Degree/Master/PhD	University / Country	Year
PhD in Geography	Universidad Complutense de Madrid / Spain	2018
Master in Logistics, Transport and Mobility	Universitat Politècnica de Catalunya / Spain	2013
Bachelor in Public Works Technical Engineering, major in Transport and Urban Services	Universitat Politècnica de Catalunya / Spain	2009

## Part B. CV SUMMARY

Dr. Borja Moya-Gómez has been an Assistant Professor in the Department of Geography at the Universidad Complutense de Madrid (UCM) since July 2021, a role that integrates both teaching and research duties.

He commenced his research career in 2013 as a predoctoral fellow within the tGIS-UCM research group and has since served as a research assistant and associate on various projects. This experience also includes a Juan de la Cierva Postdoctoral Fellowship at TRANSyT-UPM.

Dr. Moya-Gómez holds a Ph.D. in Geography (2018), a Master's degree in Logistics, Transport, and Mobility (2013), and a Degree in Civil Engineering (2010).

His research is highly interdisciplinary, spanning urban and human geography, transportation and civil engineering, programming, and big data analysis. His work specifically emphasizes the incorporation of temporal elements and innovative methodologies to gain insights into: Daily mobility patterns and accessibility, the spatial distribution of human activities, and the dynamics that affect human interactions across regions, among others.

He utilizes a wide array of spatial data, including historical dynamic traffic data, real-time transit data, Voluntary Geographic Information (VGI), and location data derived from digital social networks. He has applied his research interests in several cities and metropolitan areas across Asia, Europe, and South America.

He has authored 27 papers, including 25 published in JCR journals (12 in Q1), 2 books, 2 book chapters, and 1 report. His work has garnered significant international interest, accumulating over 900 citations since 2015, the year of his first publication. Furthermore, he has contributed to 45 conferences and seminars, including 23 international events.

Dr. Moya-Gómez has held significant leadership roles in funded projects, serving as a Co-Principal Investigator on the TourMobility project (funded by the Spanish State Research Agency and ERDF) and as Principal Investigator for the BEonTIME-SP Project (funded by the Spanish Ministry of Universities). He has been involved in 9 additional research projects as a team or working group member. He has also participated in 13 contracts aimed at transferring his expertise to governmental bodies, including city councils, territorial agencies, ministries, and development banks. He has been recognized for two six-year periods of significant research activity (sexenios), with the last recognition obtained in 2024.

He maintains active collaborations with international research centers and has completed four international research visits to three universities over the years, totaling nearly 16 months. His most recent visit was a five-month stay at the Universidade de São Paulo (USP) in Brazil in 2022, hosted by Dr. Mariana Giannoti. Prior to this, he spent almost three months at the Technische Universität München (TUM) in Germany in 2020, hosted by Dr. Benjamin Bütner. He also conducted research at Universiteit Twente in the Netherlands, where he stayed twice for a total of eight months between 2014 and 2015, collaborating with Dr. Karst Geurs.

His primary teaching subjects are Geographical Information Systems (GIS), Transportation, Spatial Statistics, and Programming, although he also teaches subjects such as tourism and social geography. He has taught courses in three bachelor's and six master's programs at two universities. He has been recognized for one five-year teaching period (quinquenios).

He has been an elected member of the Complutense University of Madrid Senate, representing the non-permanent academic staff, since April 2022. He has also served as a member of the Government Commission of Complutense University of Madrid since February 2024.

## Part C. RELEVANT ACCOMPLISHMENTS

### C.1. Most important publications in national or international peer-reviewed journals, books and conferences

AC: corresponding author. (n° x / n° y): position / total authors. If applicable, indicate the number of citations

- 1 **Scientific paper.** de Almeida Correia Jr., P.; Carpio-Pinedo, J.; (3/4) Moya-Gómez, B.; Condeço-Melhorado, A.2025. Modal Accessibility Gap in Curitiba (Brazil). Dynamic Analysis Considering Time and Spatial Variations. Applied Spatial Analysis and Policy. Springer. 18-2025, pp.34. ISSN 1874-4621. <https://doi.org/10.1007/s12061-025-09639-5>
- 2 **Scientific paper.** (1/6) Moya-Gómez, B.; Ojeda-Zújar, J.; García-Palomares, J.C.; Pérez-Alcántara, J.P.; Guitérrez Puebla, J.; Sánchez-Rodríguez, E.2024. Combining high-resolution tessellations and detailed transport networks for accessibility analysis in large areas: indicators of human pressure on coastal areas. GeoFocus, Revista Internacional de Ciencia y Tecnología de la Información Geográfica. Asociación Española de Geografía. 33, pp.25-40. ISSN 1578-5157. <https://doi.org/10.21138/GF.843>
- 3 **Scientific paper.** Santiago-Iglesias, E.; Romanillos, G.; Sun, W.; Schmöcker, J.-D.; (5/6) Moya-Gómez, B.; García-Palomares, J.C.2024. Light in the darkness: Urban nightlife, analyzing the impact and recovery of COVID-19 using mobile phone data. Cities. Elsevier. 153-October 2024, pp.105276. ISSN 0264-2751. <https://doi.org/10.1016/j.cities.2024.105276>
- 4 **Scientific paper.** Pérez-Fernández, O.; (2/2) Moya-Gómez, B.2023. El sistema médico de emergencias de Madrid a prueba: análisis del rendimiento espaciotemporal del SAMUR-PC en los primeros meses de la nueva normalidad postCOVID-19. Boletín de la Asociación de Geógrafos Españoles (BAGE). Asociación de Geógrafos Españoles (AGE). 96. ISSN 2605-3322. <https://doi.org/10.21138/bage.3247>
- 5 **Scientific paper.** Romanillos, G.; García-Palomares, J.C.; (3/8) Moya-Gómez, B.; Gutiérrez, J.; Torres, J.; López, M.; Cantú-Ros, O.G.; Herranz, R.2021. The city turned off: Urban Dynamics during the COVID-19 pandemic based on mobile phone data. Applied Geography. Elsevier. ISSN 1873-7730. <https://doi.org/10.1016/j.apgeog.2021.102524>
- 6 **Scientific paper.** (1/5) Moya-Gómez, B.; Stępnik, M.; García-Palomares, J.C.; Frías-Martínez, E.; Gutiérrez, J.2021. Exploring night and day socio-spatial segregation based on mobile phone data: The case of Medellín (Colombia). Computers, Environment and Urban Systems. Elsevier. 89-September 2021, pp.101675. ISSN 1873-7587. <https://doi.org/10.1016/j.compenurbsys.2021.101675>
- 7 **Scientific paper.** Awad-Núñez, S.; Julio, R.; (3/5) Moya-Gómez, B.; Gómez, J.; Sastre, J.2021. Acceptability of sustainable mobility policies under a post-COVID-19 scenario. Evidence from Spain. Transport Policy. Elsevier. 106-June 2021, pp.205-214. ISSN 1879-310X. <https://doi.org/10.1016/j.tranpol.2021.04.010>
- 8 **Scientific paper.** Awad-Núñez, S.; Julio, R.; Gómez, J.; (4/5) Moya-Gómez, B.; Sastre González, J.2021. Post-COVID-19 travel behaviour patterns: impact on the willingness to pay of users of public transport and shared mobility services in Spain. European Transport Research Review. Springer. 13-20. ISSN 1866-8887. <https://doi.org/10.1186/s12544-021-00476-4>
- 9 **Scientific paper.** Moyano, A.; Stępnik, M.; (3/4) Moya-Gómez, B.; García-Palomares, J.C.2021. Traffic congestion and economic context: changes of spatiotemporal patterns of traffic travel times during crisis and post-crisis periods. Transportation. Springer. ISSN 1572-9435. <https://doi.org/10.1007/s11116-021-10170-y>
- 10 **Book chapter.** (1/3) Moya-Gómez, B.; García-Palomares, J.C.; Gutiérrez, J.2023. Mobility, Congestion, and Big Data. Handbook of Labor, Human Resources and Population Economics. Springer Nature Switzerland AG. ISBN 978-3-319-57365-6. [https://doi.org/10.1007/978-3-319-57365-6\\_426-1](https://doi.org/10.1007/978-3-319-57365-6_426-1)

### C.3. Research projects and contracts

- 1 **Project.** PHS-2024/PH-HUM-530, DiTeCaM-CM: Digitalización, innovación, tecnología, automatización y atracción de empleo en la Comunidad de Madrid (Digitalization, innovation, technology, automatization, and employment attraction in the Region of Madrid). Programa de Proyectos de I+D del Plan Regional 2024. Inmaculada Álvarez. (Universidad Autónoma de Madrid). 01/01/2025-31/12/2027. 337.000 €. Team member.

- 2 **Project.** PID2021-127499OB-I00, TOURMOBILITY: Análisis de la movilidad turística a partir de Big Data geolocalizado: el impacto de la pandemia del COVID-19 (Analyzing Tourist Mobility through Spatial Big Data: Effects of the COVID-19 Pandemic). Agencia Estatal de Investigación. Javier Gutiérrez Puebla. (Universidad Complutense de Madrid). 01/10/2022-30/09/2025. 66.550 €. Principal investigator.
- 3 **Project.** N PCI2020-120706-2, DARUMA: Deep Learning Anticipated Urban Mobility Peaks. Agencia Estatal de Investigación. (Universidad Complutense de Madrid). 01/04/2021-31/03/2024. 120.000 €. Team member.
- 4 **Project.** CAS21/00281, BEonTIME-SP. Efectos de la variabilidad de servicios de transporte público en la distribución espacio- temporal de la accesibilidad y sus efectos en la población. El caso de São Paulo - Brasil (The Impact of Public Transit Variability on Spatio-Temporal Accessibility: Evidence from São Paulo, Brazil)). Ministerio de Universidades. Borja Moya Gómez. (Universidade de São Paulo). 01/08/2022-31/12/2022. 16.450 €. Principal investigator.
- 5 **Project.** RTI2018-098402-B-I00, DYNMOBILITY: Análisis dinámico de los patrones de movilidad a partir del Big Data (Dynamic analysis of mobility patterns using Big Data data). Agencia Estatal de Investigación. Javier Gutiérrez Puebla. (Universidad Complutense de Madrid). 01/01/2019-30/06/2022. 157.300 €. Team member.
- 6 **Contract.** Servicio de creación y modelización de bases de datos de accesibilidad a los servicios públicos de Andalucía, en función de variables sociodemográficas y territoriales con una implantación (Service for the Creation and Modeling of Accessibility Databases to Public Services in Andalusia, based on Sociodemographic and Territorial Variables with a Polygonal Implementation (Tessellations / Grids)) poligonal (Teselas / Rejillas) José Ojeda Zujar. (Universidad de Sevilla). 01/10/2025-01/04/2027.
- 7 **Contract.** Estudio del uso de los itinerarios del programa de caminos naturales (Characterization of Use Patterns in the Natural Tracks Network) MINISTERIO DE AGRICULTURA, PESCA Y ALIMENTACION. Gustavo Romanillos Arroyo. (Universidad Complutense de Madrid). 06/06/2025-29/11/2025. 14.995 €.
- 8 **Contract.** Estudio de indicadores representativos de la situación de pobreza del transporte en España (Measuring and Identifying Key Performance Indicators (KPIs) for Transport Poverty in Spain) Ministerio de Transporte y Movilidad Sostenible. Ana Condeço Melhorado. (Universidad Complutense de Madrid). 01/06/2025-16/08/2025. 14.950 €.
- 9 **Contract.** Estudio de impacto socioeconómico de los caminos rurales (The Socioeconomic Impact Assessment of the Natural Trails Network) MINISTERIO DE AGRICULTURA, PESCA Y ALIMENTACION. Gustavo Romanillos Arroyo. From 01/07/2024.
- 10 **Contract.** Suministro de datos en bruto de redes sociales para la elaboración de indicadores de presión sobre la costa andaluza, en el marco del proyecto INDALO (Supplying Raw Social Media Data to Generate Coastal Pressure Indicators in Andalusia, under the INDALO Project) Agencia de Medio Ambiente y Agua de Andalucía. Javier Gutiérrez Puebla. (Universidad Complutense de Madrid). 01/03/2023-01/06/2023. 14.700 €.