

CURRICULUM VITAE (CVA)

IMPORTANT – The Curriculum Vitae cannot exceed 4 pages. Instructions to fill this document are available in the website.

Part A. PERSONAL INFORMATION

CV date

06/01/2024

First name	Borja		
Family name	Moya Gómez		
Gender (*)	Male	Birth date (dd/mm/yyyy)	25/02/1986
Social Security, Passport, ID number	47836583X (ID number)		
e-mail	bmoyagomez@ucm.es		
Open Researcher and Contributor ID (ORCID) (*)	0000-0002-0520-039X		

(*) Mandatory

A.1. Current position

Position	Assistant Professor		
Initial date	21/07/2021		
Institution	Universidad Complutense de Madrid		
Department/Center	Department of Geography		
Country	Spain	Teleph. number	(+34) 91 394 52 70
Key words	Spatial BigData, Mobility, Accessibility, Transport, Territory.		

A.2. Previous positions (research activity interruptions, see call)

Period	Position/Institution/Country/Interruption cause
01/02/2020 – 20/07/2021	Postdoctoral Fellow - Juan de la Cueva-2018 Training at TRANSyT-UPM. Universidad Politécnica de Madrid. Spain.
01/07/2019 – 31/01/2020	Research Associate of HIPROMO Project. Universidad Complutense de Madrid. Spain.
01/01/2019 – 30/06/2019	Research Associate of SocialBigdata-CM Project. Universidad Complutense de Madrid. Spain.
17/10/2016 – 31/12/2018	Research Assistant of SocialBigdata-CM Project. Universidad Complutense de Madrid. Spain.
02/01/2013 – 16/10/2016	Predocctoral Fellow – FPI of SPILLTRANS project at the Department of Human Geography. Universidad Complutense de Madrid. Spain.

A.3. Education

PhD, Licensed, Graduate	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's in public works Technical Engineering, major in Transport and Urban Services (Civil Engineering)	Universitat Politècnica de Catalunya. Spain	2009

Part B. CV SUMMARY (max. 5000 characters, including spaces)

Borja Moya-Gómez started his research career on 01/2013. He has been an Assistant Professor since 07/2021 at the Department of Geography at Universidad Complutense de Madrid. He is a member of the research group tGIS-UCM, led by Dr Javier Gutiérrez Puebla and Dr Juan Carlos García Palomares.

His research's main topics combine fields such as transportation/civil engineering, urban/human geography, programming, and big data -including temporal components and big data sources/techniques, to understand mobility, accessibility, presences, and urban dynamics and designing integrated land use and transport solutions.

He has published 22 papers, 21 in JCR journals (5 D1, 11 Q1), two books, and one report. His works have over 600 citations in nine years (see the following table). In addition, he has 42 contributions to congresses and seminars, 18 of them to international events.

He is a co-Principal Investigator of the TourMobility project (funded by the Spanish Ministry of Science), was the Principal Investigator of the BEonTIME-SP Project (funded by the Spanish Ministry of Universities) and has been working on ten research projects as a research team member or working team member. He has also participated in nine contracts for transferring knowledge to governmental bodies and development banks. He coordinated the UPM section of the ECTRI (European Conference of Transport Research Institutes).

He also obtained more than 245 thousand euros to fund his research contracts (FPI and Juan de la Cierva Aids) and visits. His research was awarded three awards (two individual and one collective). He has also been a reviewer of 16 papers in 11 journals (8 JCR) and a member of the organization committee in one national seminar and one international conference.

He has been the (co-)supervisor of four PhD dissertations, fifteen master's theses, and six bachelor's theses in Geography and Civil Engineering. He has taught over 550 hours in official bachelor's and master's courses. In addition, he was a guest lecturer at two European universities and participated in the Erasmus+ Staff Mobility of Teaching Assignment (STA) program once. He holds all PEP ANECA Accreditations for non-civil servant professor positions.

He undertook four international research visits (16 months). One visit to Universidade de São Paulo (USP) (Brazil), 08/2022-12/2022, with Dr Mariana Gianotti (1 future paper), one visit to Technische Universität München (TUM) (Germany), 09/2020-11/2020, with Dr Benjamin Büttner (1 future paper), and two visits to Universiteit Twente (the Netherlands), 02/2015-06/2015 and 09/2014-12/2014, with Dr Karst Geurs (1 published paper, and two conference contributions).

Item	Type	Value
a) Citations (<i>avg. citations per year</i>).	Google Scholar	1199 (133.22)
	Scopus	753 (83.67)
	Web of Science (WoS)	646 (71.78)
b) Indexed papers	JCR	21 (11 Q1; 5 D1)
	Scimago (only)	1 (0 Q1)
c) h-index	Google Scholar	17
	Scopus	14
	Web of Science	13
d) Supervised thesis <i>finished (on-going)</i>	PhD.	0 (4)
	Master	12 (3)
	Bachelor	4 (2)
e1) Papers (<i>JCR, Scimago</i>)	Published/accepted	22 (22, 0)
	Under review	1 (1, 0)
e2) Congress and seminars	National	23
	International	19
e3) Books, chap. rep.	Published/accepted	5
e4) Other citation indicators	(WoS) Over. cit. percentile med.	85 th
	(Scopus) Field-Weighted cit. imp.	2.53
	(Scopus) Documents top cit. per.	76.2%
e5) research stays (<i>total duration</i>)	International	4 (~16 months)

Part C. RELEVANT MERITS

C.1. Publications

CA: Corresponding author; (x/y): x = position of the researcher's signature / y = total authors

- 1 **Scientific paper.** **Moya-Gómez, B.**; Stępnia, M.; García-Palomares, J.C.; Frías, E.; Gutiérrez, J. (1/5). 2021. Exploring night and day socio-spatial segregation based on mobile phone data: The case of Medellín (Colombia). *Computers, Environment and Urban Systems*. Elsevier. 8-2021, 101675. JCR Impact factor (2020): 5.324, Q1/D1 – SSCI GEOGRAPHY].
- 2 **Scientific paper.** **Moya-Gómez, B.** (CA); Geurs, K.T. (1/2). 2020. The spatial-temporal dynamics in job-accessibility by car in the Netherlands during the crisis. *Regional Studies*. Taylor & Francis. 54-4, pp.527-538. [JCR Impact factor: 4.672, Q1/D2 – SSCI ECONOMICS].
- 3 **Scientific paper.** **Moya-Gómez, B.** (CA); Salas-Olmedo, M.H.; García-Palomares, J.C.; Gutiérrez, J. (1/4). 2018. Dynamic accessibility using Big Data: The role of the changing conditions of network congestion and destination attractiveness. *Networks and Spatial Economics*. Springer. 18-2, pp.273-290. [JCR Impact factor: 2.084, Q2/D4 – SSCI OPERATIONS RESEARCH & MANAGEMENT SCIENCE].
- 4 **Scientific paper.** **Moya-Gómez, B.** (CA); García-Palomares, J.C. (1/2). 2017. The impacts of congestion on automobile accessibility. What happens in large European cities? *Journal of Transport Geography*. Elsevier. 62, pp.148-159. [JCR Impact factor: 2.699, Q1/D2 – SSCI ECONOMICS].
- 5 **Scientific paper.** **Moya-Gómez, B.** (CA); García-Palomares, J.C. (1/2). 2017. The daily dynamic potential accessibility by car in London on Wednesdays. *Journal of Maps*. Taylor and Francis. 13-1, pp.31-39. [JCR Impact factor: 1.600, Q2/D5 – SSCI GEOGRAPHY].
- 6 **Scientific paper.** Romanillos, G.; García-Palomares, J.C.; **Moya-Gómez, B.**; Gutiérrez, J.; Torres, J.; López, M.; Cantú-Ros, O.G.; Herranz, R. (3/8). 2021. The city turned off: Urban dynamics during the COVID-19 pandemic based on mobile phone data. *Applied Geography*. Elsevier. 134 (September 2021), 102524. [JCR Impact factor: 4.732, Q1/D2 – SSCI GEOGRAPHY].
- 7 **Scientific paper.** Moyano, A.; Stępnia, M.; Moya-Gómez, B.; García-Palomares, J.C. (3/4). 2021. Traffic congestion and economic context: changes of spatiotemporal patterns of traffic travel times during crisis and post-crisis periods. *Transportation*, 48, 3301–3324. (DOI: 10.1007/s11116-021-10170-y). [JCR Impact factor: 4.814, Q1/D2 - 28/138 SCIE ENGINEERING, CIVIL].
- 8 **Scientific paper.** Barros, C.; **Moya-Gómez, B.**; Gutiérrez, J. (2/3). 2020. Using geotagged photographs and GPS tracks from social networks to analyze visitor behaviour in national parks. *Current Issues in Tourism*, 23 (10), pp. 1291-1319. [JCR Impact factor 2020: 7.430, Q1/D2 - SSCI HOSPITALITY, LEISURE, SPORT & TOURISM].
- 9 **Scientific paper.** Domènech, A.; Mohino, I.; **Moya-Gómez, B.** (3/3). 2020. Using Flickr Geotagged Photos to Estimate Visitor Trajectories in World Heritage Cities. *ISPRS International Journal of Geo-Information*, 9(11), 646. [JCR Impact Factor 2020: 2.899, Q2/D5 - SCIE GEOGRAPHY, PHYSICAL].
- 10 **Scientific paper.** Salas-Olmedo, M.H.; **Moya-Gómez, B.**; García-Palomares, J.C.; Gutiérrez, J. (2/4). 2018. Tourists' digital footprint in cities: Comparing Big Data sources. *Tourism Management*, 66 (June 2018), pp. 13-25. [JCR Impact factor: 6.012, Q1/D1 - SSCI HOSPITALITY, LEISURE, SPORT & TOURISM].

C.2. Congress

S: Speaker

- 1 **Oral presentation.** **Moya-Gómez, B.** (S); Giannotti, M. (1/2) Open Data for Evaluating Transit Systems. Challenges in Converting Real-Time Data into GTFS. Xv Congreso de la Ingeniería del Transporte (CIT), San Cristobal de la Laguna (Spain), 14-16/07/2023.
- 2 **Oral presentation.** García Palomares, J.C.; **Moya Gómez, B.**; Condeço Melhorado, A. (2/3) 2018. Los JJOO de Rio 2016: Un análisis de las dinámicas urbanas a través de Twitter. XVI Coloquio Ibérico de Geografía, Lisboa (Portugal), 04-07/11/2018.

- 3 **Oral presentation.** Mohíno Sanz, I.; **Moya-Gómez, B.** (S); García Palomares, J.C. (2/3) 2018. Análisis de la huella digital del turista en entornos urbanos patrimoniales a través del Big Data: el caso de Toledo. XVIII Congreso Nacional TIG, Valencia (Spain), 20-22/06/2018.
- 4 **Oral presentation.** **Moya-Gómez, B.** (S); González Bolaños, E.; Condeço-Melhorado, A.; and Stępnia, M. (1/4) 2018. Accessibility as a tool for public transport service planning: Chances with the new railway accesses to the airport of Barcelona-El Prat (Spain). NECTAR Cluster 6 WS 10th an., Costa Meloneras (Spain), 14-15/12/2018.
- 5 **Oral presentation.** Salas-Olmedo, M.H.; **Moya-Gómez, B.** (S); García-Palomares, J.C.; Gutiérrez, J. (2/4) 2017. El pulso de la ciudad a través de twitter. XXV Conferencia de la Asociación de Geógrafos Españoles (AGE), Madrid (Spain), 25-27/10/2017.

C.3. Research projects

- 1 PID2021-127499OB-I00. TOURMOBILITY, Análisis de la movilidad turística a partir de Big Data geolocalizado: el impacto de la pandemia del COVID-19. Agencia Estatal de Investigación. Proyectos de Generación de Conocimiento 2021. Javier Gutiérrez Puebla and Borja Moya-Gómez (Universidad Complutense de Madrid). 01/09/2022-31/08/2025. 66,550.00 € Main Researcher.
- 2 PCI2020-120706-2. DARUMA. Deep Learning Anticipated Urban Mobility Peak. The European Interest Group (EIG) CONCERT-Japan; Agencia Estatal de Investigación. Proyectos de I+D+I «Programación Conjunta Internacional» 2020 - 2.ª. Juan Carlos García Palomares (Universidad Complutense de Madrid). 01/04/2021-31/03/2024. 120,000.00 €. Research team member.
- 3 RTI2018-098402-B-I00. DYNMOBILITY. Análisis dinámico de los patrones de movilidad a partir del Big Data. European Regional Development Fund (ERDF); Agencia Estatal de Investigación. R&D state program oriented to society challenges 2017-2020. Javier Gutiérrez Puebla. (Universidad Complutense de Madrid), and Juan Carlos Martín Hernández (Universidad de las Palmas de Gran Canaria). 01/01/2019-30/09/2022. 157,300.00 €. Research team member.
- 4 RTC-2017-6376-4, HIPROMO: Herramienta Inteligente de Prognosis de Movilidad. European Regional Development Fund (ERDF); Ministerio de Economía y Hacienda. Convocatoria Retos-Colaboración 2017. Óscar Martínez. (Tool-Alfa), Juan Carlos Sánchez (STHAR), and Javier Gutiérrez Puebla (Universidad Complutense de Madrid). 01/10/2018-30/06/2021. 444,818.68 €. Team member.
- 5 H2015/HUM-3427, SocialBigdata-CM: Transformaciones sociales consecuencia del cambio tecnológico: monitorización y análisis a partir de Big Data. Comunidad de Madrid. Programas de Actividades de I+D entre grupos de investigación de la Comunidad de Madrid en Ciencias Sociales y Humanidades Comunidad de Madrid. Javier Gutiérrez Puebla. (Universidad Complutense de Madrid). 01/01/2016-30/06/2019. 180,541.00 €. Team member.
- 6 TRA2011-27095, SPILLTRANS: Efectos spillover de las infraestructuras de transporte. Ministerio de Economía y Competitividad; Ministerio de Ciencia e Innovación. R&D National program. Javier Gutiérrez Puebla. (Universidad Complutense de Madrid). 01/01/2012-31/12/2014. 140,360.00 €. Team member.

C.4. Contracts, technological or transfer merits

- 1 Datos descriptivos de la Agenda Urbana Española. Definición metodológica y obtención de determinados datos descriptivos de la AUE relacionados con los objetivos estratégicos 2 y 5. MITMA. Francisco J. Lamíquiz Daudén (Universidad Politécnica de Madrid). 01/08/2021 – 30/11/2021. 18,029.00 €. Results: Report
- 2 Herramienta dinámica para guiar el modelo de crecimiento de suelo residencial existente en el municipio de Madrid. Ayto. Madrid. Gustavo Romanillos Arroyo. (Universidad Complutense de Madrid). 06/08/2020-06/02/2021. 18,089.50 €. Results: Software.