GIOVANNI CIRCELLA, Ph.D.
BOF Professor of Mobility, Department of Geography, Ghent University,
Head of EIT Urban Mobility Master School, *and*
Director, 3 Revolutions Future Mobility Program, Honda Distinguished Scholar for New Mobility Studies, University of California, Davis
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EDUCATION

Politecnico di Bari (Technical Univ. of Bari, Italy), Ph.D. in Transportation Planning (2008)

Specializations: land use transportation modeling, transportation planning, environmental economics, policies for sustainable transportation

Dissertation: *Integrated Land Use and Transportation Planning for Sustainable Transport Solutions*

University of California, Davis, M.S. in Agricultural and Resource Economics (2009)

Politecnico di Bari (Technical Univ. of Bari, Italy), Italian Laurea (B.A.+M.S.) Degree (summa cum laude) in Civil Engineering (2004)

SELECTED PROFESSIONAL SERVICE AND AWARDS

BOF Tenure-track Professor, Department of Geography, Ghent University, 2022 – present.

Head of Master School in Urban Mobility, European Institute of Technology, 2022 – present.

Director, 3 Revolutions Future Mobility Program, Institute of Transportation Studies, University of California, Davis, 2017 – present.

Honda Distinguished Scholar on New Mobility Studies: Endowment from American Honda Co., University of California, Davis, 2018 - present.

Professional Researcher, Institute of Transportation Studies, University of California, Davis, 2023 – present (Associate Prof. Res., 2021 - 2023, Assistant Prof. Res., 2015 – 2021).

Senior Research Engineer, School of Civil and Environmental Engineering, Georgia Institute of Technology, 2016 – 2022 (Research Engineer, 2013 - 2016).

Elected Secretary of the Executive Board, International Association of Travel Behaviour Research (IATBR), 2024 – present (Elected Board Member, 2020 – 2024).

Co-Secretary General, World Conference on Transport Research Society (WCTRS), 2023 – present.

Member, Standing Committee on Travel Behavior and Values (AEP30) and International Coordination Council (A0020C), Transportation Research Board, 2019 – present.

Chair, Standing Committee on Transportation and Information and Communication Technologies (AEP35), Transportation Research Board, 2018 - 2024.

Fulbright Program Scholarship: Research Scholar at UC Davis, 2006 –2007.

Research Faculty Senate, Georgia Institute of Technology: Representative of Research Faculty of the School of Civil and Environmental Engineering, 2014 - 2017.

Post-Doc Researcher, Institute of Transportation Studies, UC Davis, 2009 - 2015.

Licensed Professional Engineer (P.E.): Italy, #7374 – Bari.

Keynote Speaker: Trailways Annual Conference, Fort Myers, FL, February 2016.

Visiting Researcher Scholarships: University of Leeds (UK), 2016, TU Wien (Austria), 2008.

Award for the Best Research Thesis, City of Bari, Italy, 2006.

Socrates-Erasmus Program Fellowship: Universidad Politécnica de Valencia, Spain, 2003.

PROFESSIONAL EXPERIENCE

Giovanni Circella is a BOF Tenure-track Professor of Mobility in the Department of Geography of Ghent University and the Head of the Master School of the European Institute of Technology (EIT) Urban Mobility. He is also the Director of the 3 Revolutions Future Mobility Program at the University of California, Davis. Prof. Circella's interests include travel behavior and emerging transportation services, sustainable transportation, travel demand modeling, travel survey methods, and policy analysis. His recent research has focused on the impacts of information and communication technology (ICT), telecommuting, e-shopping, new mobility (including shared mobility, micromobility and ridehailing) and vehicle automation on travel behavior and auto ownership, the evolving lifestyles and mobility patterns of specific population segments (e.g. young adults, seniors, people with reduced mobility) in various regions of the U.S., Europe, South America and the Middle East. Dr. Circella led a major research effort on the impacts of the COVID-19 pandemic on activity organization and travel choices. He is a member of the Travel Behavior and Values (AEP30) Committee and the International Coordination Council (A0020C) of the Transportation Research Board. Dr. Circella is the elected secretary of the International Association for Travel Behaviour Research, and the co-secretary general of the World Conference on Transport Research Society. He has served in the NCHRP 20-102, 20-102(01), 20-102(09) and 20-102(19) and TCRP B-47 project panels on the impacts of connected and automated vehicles and other emerging transportation technologies. Dr. Circella regularly cooperates with planning organizations and other agencies in Europe, the U.S. and South America.

SELECTED RECENT PUBLICATIONS

"Not all ride-hailing trips are created equal: an examination of additional trips enabled by ride-hailing and the users who made them." (*forthcoming*), by P. Loa, X. Iogansen, Y. Lee, and G. Circella. *Transportation*, https://doi.org/10.1007/s11116-024-10566-6

"Ridehailing use, travel patterns and multimodality: A latent-class cluster analysis of one-week GPS-based travel diaries in California." (2025), by X. Iogansen, Y. Lee, M. Young, J. Compostella, G. Circella, and A. Jenn. *Travel Behaviour and Society*, 38, 100855.

"Examining Complex Impacts of E-shopping and Built Environment Factors on Shopping VMT." (2025), by M. Sohi, P. Loa, B. Ozbilen, X. Iogansen, Y. Lee, and G. Circella, *Transportation Research Part D: Transport and Environment*, 139, 104567.

"Future of Passenger Mobility in the USA: Scenarios for 2030." (2025), by A. Kothawala, M. Ahmad, R. Dominguez-Faus, L. Fulton, and G. Circella. *Transportation Research Record*, 03611981241302330.

"Change in work arrangement during the COVID-19 pandemic: A large shift to remote and hybrid work." (2024), by X. Iogansen, J.K. Malik, Y. Lee and G. Circella. *Transp. Res. Interdiscip. Perspectives*, 25, 100969.

"Deciphering the factors associated with adoption of alternative fuel vehicles in California: An investigation of latent attitudes, socio-demographics, and neighborhood effects." (2023), by X. Iogansen, K. Wang, D. Bunch, G. Matson, and G. Circella. *Transportation Research Part A: Policy and Practice*, 168, 103535.

"Transportation and neighborhood priorities of Californians with disabilities: Focus group findings." (2023), by J. Flynn, G. Circella, and P. S. Venkataram. *Transportation Research Record*, 03611981231180203.

"What travel modes do shared e-scooters displace? A review of recent research findings" (2023), by K. Wang, X. Qian, D. Fitch, Y. Lee, J. Malik and G. Circella, *Transport Reviews*, 43 (1), 5-31.

"Exploring heterogeneous structural relationships between e-shopping, local accessibility, and car-based travel: an application of enriched National Household Travel Survey add-on data" (2023), by S.H. Kim, P.L. Mokhtarian, S. Choo, and G. Circella, *Transportation Research Record*, 2677 (5), 463-480.

"Longitudinal analysis of COVID-19 impacts on mobility: an early snapshot of the emerging changes in travel behavior." (2022), by G. Matson, S. McElroy, Y. Lee, and G. Circella, *Transp. Res. Record*, 2677(4), 298-312.

"Estimating short-term travel demand models that incorporate personally owned autonomous vehicles" (2022), by M. Harb, J. L. Walker, J. Malik, and G. Circella, *Travel Behaviour and Society*, 26, 279-289.