



Prof. dr. Giovanni Circella

Social and Economic Geography

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Giovanni Circella joined Ghent University in 2022 as a BOF tenure-track professor of mobility in the Department of Geography, and he is the Head of the Master School in Urban Mobility of the European Institute of Technology. Dr. Circella's teaching and research interests include transportation planning, travel behavior analysis, emerging mobility 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), remote/hybrid work, e-shopping, new mobility (including shared mobility, micromobility, and ridehailing) and vehicle automation on travel behavior and auto ownership, and the evolving lifestyles and mobility patterns of various population segments (e.g. "millennials") in various regions of the U.S., Europe, South America and the Middle East. Prof. Circella is leading a major research effort on the impacts of the COVID-19 pandemic on activity organization and travel choices. He has authored more than 40 scientific papers published in peer-reviewed scientific journals, and he has been the principal investigator for research projects for a variety of funding agencies, including federal, state, and local government agencies, industry partners and research foundations.

He is the Chair of the Standing Committee on ICT and Transportation (AEP35), and a member of the Travel Behavior and Values (AEP30) Committee and the International Coordination Council of the Transportation Research Board. Giovanni is also an elected member of the Executive Board of the International Association for Travel Behaviour Research (IATBR), and he serves in the US National Cooperative Highway Research Program (NCHRP) 20-102, 20-102(01), 20-102(09) and 20-102(19) and the US Transit Cooperative Research Program (TCRP) B-47 project panels on the impacts of connected and automated vehicles and other emerging transportation technologies on travel. This role matches his research interests on the analysis of the impact of connected and autonomous vehicles and other emerging technologies on travel behavior, the use of transportation infrastructures and the future modifications in lifestyles and the urban form of cities.

Prof. Circella is also the Honda Distinguished Scholar for New Mobility Studies and the Director of the 3 Revolutions Future Mobility Program at the University of California, Davis. He has been working as a transportation consultant for the World Bank studying the role of new transportation technologies in Southeast Asian countries, and he regularly cooperates with metropolitan planning organizations (MPOs), public transportation authorities, and other agencies, and non-profit organizations in the U.S., Europe, South America and the Middle East.

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