



University of Cyprus

Department of Civil and
Environmental Engineering

INVITATION | THE ENGINEER IN SOCIETY

10 NOVEMBER 2022

16:30 – 17:30 | UNIVERSITY OF CYPRUS | ROOM 018, BUILDING 7

New mobility services and Sustainable Urban Mobility Planning

SPEAKER: Prof. Maria Kamargianni, Professor of Transport Systems Innovation and Sustainability, Director of MaaS Lab (Mobility as a Service Lab), University College London



ABOUT THE TALK:

Most of the cities -in an attempt to become climate neutral- prioritise the movement of people, giving residents and visitors a wide variety of new and shared mobility services. However, authorities face several challenges when it comes to harmoniously integrating these services into spatial and transport plans to improve citizens' wellbeing and achieve environmental targets. This seminar will discuss the differences between traditional and sustainable transport/mobility planning. It will present advanced smartphone-based tools for travel demand data collection, and it will showcase the HARMONY Model Suite; a new generation of integrated spatial and transport planning platform for strategic, tactical and operational planning.

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SHORT BIO:

Maria Kamargianni is a Professor of Transport Systems Innovation and Sustainability, the founder and Director of [MaaS Lab](#) at University College London (UCL), and an Associate Director of MobyX Software (Limassol, Cyprus). Her areas of research include travel behaviour modelling, new mobility services design, Sustainable Urban Mobility Planning (SUMP), transport systems analysis, market research and econometrics. She has widely published in the academic and professional literature on the aforementioned topics. Prof. Kamargianni is the Project Coordinator of several projects, such as the 7.8 million EURO project HARMONY, as well as the Scientific and Technical manager for the Horizon and EIT-Urban Mobility funded projects MaaS4EU, GECKO, MOVE2CCAM, UMAM, Pro-MaaS. Prof. Kamargianni for her research and the methodologies she developed, has received several distinguished awards, such as: 1. the Bronze medal in the pan-European contest for young researchers, 2. the Best Paper Award in Choice Modelling and 3. the Ryuichi Kitamura Best Paper Award in Travel Analysis Methods (awarded by the US National Academies of Sciences, Engineering, Medicine – Transportation Research Board). She works closely with public authorities and the industry to transfer her research outputs to the real world, while she has been a consultant to several local, regional and national public authorities and companies.