



PhD 'Territory, Innovation and Sustainability'

Seminar Announcement

Land use and transport planning

Speaker

Francesco FILIPPI

Professor

Sapienza University, Rome, Italy

Friday, April 21 2023, at 10:30 am

Venue: Niccolò Cusano University, Via Don Gnocchi, 3
Aula Ingegneria 2, new building

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Abstract

The traffic-engineering methods of planning based on the predict-and-provide principle have self-enforcing effects of induced traffic and unhealthy environment for humans as well as for the planet. The seminar aims to demonstrate that such methods keep cities stuck in a sort of path dependency with transport technologies and urban environment, and to provide evidence that something is changing in theory, trends, and practice. The main findings are the causes of how these problems could have occurred and continue regardless of the huge negative effects. The findings can have practical, effective implications as the determinants of a new transport policy paradigm that shows the way out of the trap of path dependency. The originality of the approach lies in having expanded and applied the concept of anomalies of the theory to the adverse effects of technologies and the mismatch between people and the modern urban environment, and having developed a more holistic human-centric planning method.

Francesco Filippi, Sapienza University, Rome, Italy

Biographic profile

Professor Francesco Filippi is the founder and was the first Director of the Centre for Transport and Logistics (CTL) at the Sapienza University of Rome from 2003 to 2014. He has been active in European Commission research projects and in all transport sectors in Italy. His areas of specialisation are urban transport, technology assessment, transport planning, road safety, public transport, telematics technologies for transport, freight transport and logistics. He has worked in EU research for DG VII, DG XIII and in all areas of Italy's transport sector, directing both research projects and practical applications. He has served as Italian representative on Transport Research Committee of the European Commission. He served on the Editorial Advisory Board of the journal *Transportation Research A* and has been an associate editor of the *European Transport Research Review*. He teaches in several Master's programs at Sapienza and LUISS.

