

Avviso di Seminario

Uncertainty in the Economic Evaluation of Climate Change and Consequences for Transport Policy

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**Martedì 12 febbraio 2019 ore 9.00, presso l'aula seminari "Giovanni Giannattasio" del
DINCI, cubo 45/B**

Abstract

Reducing carbon emissions is a relevant aspect that helps achieving sustainability. Even if the issue has exceeded the alert levels, no shared methodology to internalize these emissions has been adopted yet. In particular, it is extremely complex to quantify and to assign a unitary economic value to greenhouse gas (GHG) emissions – whose economic evaluation shows a large interval, mostly caused by the numerous uncertainties categorised according to whether they are of a technical, economic or decisional nature.

This presentation will dwell particularly upon this issue and its consequences for transport planning, presenting the methodologies currently in use and the vast degree of scientific and economic uncertainty that exist. Through an extensive review of the plans and the urban strategies adopted, the current stand of transport policy for carbon emissions is analysed, drawing some conclusions and possibly inspiring some food for thought for possible future perspectives to control the effects of this issue in the long run.

About the speaker

Silvio Nocera earned a PhD in Transport Planning at the Technische Universität München in 2004, and is an Associate Professor of Transport Economics in the Department of Architecture and Arts at the Università Iuav di Venezia since 2016. His research interests are quite extensive, spanning the economic evaluation of transport systems, the external costs of transportation (he delved particularly deep into the evaluation of carbon dioxide and its effects on global warming), big data and transport, demand responsive transport systems, freight and intermodal transport, intelligent transport systems, and transit quality evaluation.

At the Università Iuav di Venezia, Silvio teaches undergraduate and graduate courses on Transport (since 2007), and Transport Planning (since 2014). In addition, he held lectures and seminars in Technical University of Munich (2008-2016), at the Technical University of Vienna (2015 and 2018), at the University of British Columbia in Vancouver (2016), at the Gediminas Technical University of Vilnius (2016), at Drexel University of Philadelphia (2017), at the National Technical University of Athens (2017), at the Université Panthéon-Sorbonne in Paris (2018).

Silvio's research has attracted substantial funding within a research grant portfolio that includes the EU funded research projects Mobilitas (2016-2019), Smile (2017-2019), and Smart-Commuting (2017-2020).