

Event: **ENERGY in TRANSPORTATION 2018**
 Date: **Saturday November 3, 2018**
 Place: **Athens, Hellas**



#	Dr Eleni Misokefalou Civil Engineering, MSc. Planning, Organization and Management of Transport Systems	
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Presentation title:	The Impact of Economic Crisis on Teleworking and Travel Behaviour in the Cities of Thessaloniki and Karditsa, Greece	
<p>Economic crisis has seriously affected the economy of Greece thus influencing commuters' travel behaviour for both urban and suburban trips and the transportation system in terms of sustainability. Teleworking is a modern type of working relationship, characterized from freelancing and use of state of the art communication and technology tools. This paper examines the impact of the economic crisis in Greece in the change of commuters' travel behaviour and their willingness to accept and promote teleworking in order to reduce relative trips. The survey took place in the city of Thessaloniki, the second largest city of Greece, and in the city of Karditsa, a typical mid-sized city of central Greece. The research was based on a questionnaire survey conducted during the year 2016 on a random sample of 419 individuals (219 in Thessaloniki and 200 in Karditsa) of different age, profession and personal income through personal interviews. The questionnaire used consisted of 17 questions and the aim of the analysis was to draw useful and practical solutions which are able to demonstrate the actual effect of the economic crisis on commuters' possession of private vehicles and bicycles comparing the years before (2008) and during the economic crisis (2016) and the selection of teleworking as an alternative way to work. The participants stated the percentage of teleworking at home, their willingness to increase teleworking due to economic and/or other reasons, and they also compared their productivity level with the one in their typical working area. The results of this survey can assist municipality officials to encourage teleworking and promote sustainable transportation in order to increase the sustainability level of their cities, business productivity and work efficiency, decrease transport cost and energy consumption, and finally improve the quality of life in urban areas.</p>		

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CV:

Dr. Misokefalou holds a Doctoral degree in Civil Engineering from University of Thessaly. She graduated from the University of Thessaly with postgraduate studies in Design, Organisation and Management of Systems of Transport Means at the Aristotle University of Thessaloniki. She has been involved both in teaching and research in the field of transportation engineering and her area of interest and specialization refers to driver inattention, distraction, highway design, road safety, human factors, and vulnerable road users. Over the last 10 years, Dr Misokefalou has demonstrated a profound ability for research; her papers have been published and presented at various congresses. Dr Misokefalou is also a member of the Road Construction and Road Safety Laboratory of the University of Thessaly, actively involved in research projects and also participates in scientific committees of the Hellenic Institute of Transportation Engineers.

Dr Misokefalou worked as an engineer for the Ministry of Infrastructure, Transport and Networks, for the Ministry of Administration Reform and E-Government and also in the construction field, both at public and private projects with involvement in studies. She held the position of Manager and Academic Coordinator of engineering programs of studies, and numerous other professional and seminar courses. Currently, she is a lecturer at University of Thessaly. She is an accredited lecturer of the University of Derby and an external collaborator at the National Organisation for the Certification of Qualifications and Vocational Guidance, an all-encompassing statutory body investing on better quality and more efficient & reliable lifelong learning services in Greece which operates under the supervision of the Minister of Education & Religious Affairs, Culture & Sports. She has been teaching a variety of modules such as Airport System Planning and Operation, Scholarship for Technologists, Regulatory Systems and Transportation.