

Name: Katerina Stylianou

Job title: Civil Engineer – Transport Planner

Career: I have a B.Sc. in Civil and Environmental Engineering. I also have a M.Sc. and I am a PhD candidate in Transportation Planning and Highway Engineering.

Responsibilities: The transport engineer is an engineer who works on policies, projects and plans relating to all kinds of transport systems, including: roads and bridges, rail networks, pedestrian and cycling systems. My responsibilities is to design the road network for a newly development town / neighborhood, to improve an airport runway to accommodate new jumbo jets, to develop the cycling network, to design a new highway to connect two towns and to develop pedestrian facilities. Also, part of my job is to evaluate the performance of a proposed intersection, to assess infrastructure requirements for a new developments, to evaluate the impacts of activities such as new developments, to investigate traffic problems and the recommendation of methods to improve safety and traffic demand and finally to evaluate traffic control systems and identified modifications needs.

Essential skills in my Job:

- Creativity skills
- Problem-solving skills
- Team working skills
- Listening skills
- Communication skills
- Project management skills

What I need to know in my Job:

- Mathematics (arithmetic, algebra, calculus)
- Engineering
- Environmental knowledge
- Modeling

Organization description:

In the Lab for Transport engineering there are four people. The Lab for transport engineering deals with three projects: CAMP-sUmp, STEP2SMART and STRATEGIC PLAN FOR BICYCLES. CAMP-sUmp is an co-financed by the European regional development fund, which promotes low-carbon strategies and energy efficiency by developing an Action plan to promote sustainable urban mobility planning instruments for university campuses (PPs: University of Athens, Valencia, Cyprus, Malta and Bologna). STEP2SMART is also co-financed by European Union and national funds and it aims to reduce environmental footprint from public transport in urban areas with high air pollution. Finally, STRATEGIC PLAN FOR BICYCLES is a project about the development of the strategic plan for bicycles for Cyprus.



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Civil engineer, Katerina Stylianou

I am a Civil Engineer – Transport Planner and currently working at The Lab for transport engineering at the University of Cyprus. I have a B.Sc. in Civil and Environmental Engineering. I also have a M.Sc. and I am a PhD candidate in Transportation Planning and Highway Engineering.

As a transport engineer, I work on policies, projects and plans relating to all kinds of transport systems, including roads and bridges, rail networks, pedestrian and cycling systems. My responsibilities are as follows: to design the road network for a newly development town / neighborhood, to improve an airport runway to accommodate new jumbo jets, to develop the cycling network, to design a new highway to connect two towns and to develop pedestrian facilities. Furthermore, part of my job is to evaluate the performance of a proposed intersection, to assess infrastructure requirements for a new developments, to evaluate the impacts of activities such as new developments, to investigate traffic problems and the recommendation of methods to improve safety and traffic demand and finally to evaluate traffic control systems and identified modifications needs.

Transport planners like me work at consulting companies or in public authorities. Some skills essential for my job include: creativity, problem-solving, team working, listening, communication and project management skills. I also need to have knowledge in mathematics (arithmetic, algebra, calculus), engineering, environmental knowledge and modeling.

In the Lab for Transport engineering I work with four other people specialized in engineering. Now, the Lab for transport engineering deals with three projects: CAMP-sUmp, STEP2SMART and STRATEGIC PLAN FOR BICYCLES. CAMP-sUmp is an co-financed by the European regional development fund, which promotes low-carbon strategies and energy efficiency by developing an Action plan to promote sustainable urban mobility planning instruments for university campuses (PPs: University of Athens, Valencia, Cyprus, Malta and Bologna). STEP2SMART is also co-financed by European Union and national funds and it aims to reduce environmental footprint from public transport in urban areas with high air pollution. Finally, STRATEGIC PLAN FOR BICYCLES is a project about the development of the strategic plan for bicycles for Cyprus.