

The Versailles International Summer School of Sustainable Mobility: An interdisciplinary approach of transport, climate change and wellbeing

From the 3rd to the 8th of July 2017, St-Quentin-en-Yvelines, France

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Organization: CEARC, OVSQ, University of Versailles St-Quentin-en-Yvelines and University of Paris-Saclay

Context

In the context of the recent multidimensional crisis that has affected most of the countries in the world, the current challenge consists in making economic growth and development compatible with stabilizing the climate and with a sustainable ecological footprint. This will imply a great transformation of activities as far reaching as the transformation brought about by the so-called Industrial Revolution. This transformation process addresses the critical issue of *quality* with respect to the economic activities, wellbeing and environmental preservation. The so-called transition is well underway, as is illustrated by the diversity of sectors (eco-mobility, eco-construction, eco-design, renewable energies, smart grids, etc.) and the variety of economies concerned (emerging countries, industrialized countries and developing countries).

Program outline and aims

This International Summer School is designed to equip participants with the knowledge, skills and tools required to understand the main challenges associated with the connection between climate change, mobility and wellbeing. In this respect, many areas are covered through a interdisciplinary approach: land use planning and development, climate issues; air pollutions and atmosphere; sustainable development; mobility, territories and energy; health-environment issues, wellbeing and quality of life.

This school particularly allows participants to pursue careers related to the management of sustainable solutions to the mobility issues in relation to different activities and sectors such as consultancy, public-private partnerships, non-governmental organizations and local administrations. It also meets the needs of highly trained experts working in international organizations, national administrations. Eventually, it aims at providing backbone assets for entrepreneurship in different business activities, industries and economic sectors which appear as critical potentials for reducing the ecological footprint of human activities.

Courses will be given by scientists and professionals from the following institutions:

University of Versailles St-Quentin-en-Yvelines and University of Paris-Saclay,

French Ministry of Environment, Energy and the Sea,

City of Paris,

Grand Valley State University, USA,

University of Paris 8,

The French Institute of Science and Technology for Transport, Development and Networks (IFSTTAR)

MADI, Russia

Content of the School

This one-week program taught in English is based on a partnership between academic scholars and practitioners. The course will be composed of lectures and case studies covering both theoretical and applied issues which address the key elements of the interactions between climate change, urban mobility and wellbeing.

1. *Inner-city food and public transit deserts as a growing threat to public health and wellbeing: Michigan case study.*
2. *Climate and healthcare costs of our dietary choices in the context of increasing global mobility of food (multiple case studies from around the world possible with primary focus on the US, EU and Russia).*
3. *The Environment and Health action plan of the city of Paris.*
4. *Green jobs and mobility: methodological issues (Third National Plan Health Environment applied to the transportation sector).*
5. *The socio-ecological determinants of active mobility in urban areas*
6. *Mobility behaviors and New Information and Communication Technologies.*
7. *Urban planning and development.*
8. *Climate issues, air pollutions and atmosphere.*
9. *HEAT: Health Economic Assessment Tool*

The School's calendar

The school will take place from the 3rd to the 8th of July in the Observatory of Versailles Saint-Quentin-en-Yvelines. Mornings will be dedicated to core lectures. Case studies and methodological sessions will take place in the afternoons. On Wednesday afternoon, a visit of the Palace of Versailles will be organized.

Assessment tasks

1. Each participant will have to prepare a presentation about his or her background (brief) and project (in more detail). The presentation should take 15 min and will be given on the first day of the school.
2. A list of readings will be sent before the summer school. Each participant will have to select one or several readings among the referred list. He/she will take part to the analysis of a few listed projects within afternoon sessions.

Conditions of admission

Participants should demonstrate academic record from their undergraduate or graduate studies. As an interdisciplinary school, participants with academic records in boundary-crossing learning and application of learning are welcome.

Registration fees

Registration fees: 550 euros.

The registration fees include the documentation, lunches and coffee breaks, transportation, cultural visits.

Deadline for application: May 31st 2017

Contact

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Further information available at: www.vi3sm.cearc.fr