



A. JAMES CLARK
SCHOOL OF ENGINEERING

STUDY ABROAD SHORT TERM SUMMER COURSE AT POLITECNICO DI TORINO, ITALY. SUSTAINABLE GREEN INFRASTRUCTURE FOR URBAN ENVIRONMENT *The experience of the Metropolitan City of Turin*

The metropolitan city of Turin will host the US University of Maryland students visiting the Politecnico of Turin, under the collaboration between the two Universities. In particular, the study day at the metropolitan city will focus on experiences within the institution on the Green Infrastructure for Sustainable Urban Environment.

In particular will be presented the experiences gained in the implementation of the School Vito Scafidi of Sangano, the construction of Borgaro-Venaria ring road and the european project Tyrec4life.

After the morning session the students are invited to visit the sites.

9.00-9.15 WELCOME SPEECH

Alberto Avetta *Metropolitan City of Turin, Deputy Mayor of the Metropolitan City of Turin*

Dimitri Goulias *University of Maryland*

9.15-9.30 PRESENTATION OF THE METROPOLITAN CITY OF TURIN

Sandro Petruzzi *Chairman*
Introduction to the topic

9.30-10.00 PRESENTATION

Elisa Sirombo *Politecnico di Torino*
GREEN SCHOOL - THE SCHOOL AS AN INCUBATOR FOR THE GROWTH OF ENVIRONMENTAL AWARENESS OF THE NEW GENERATION ESTABLISHMENT
Maxwell School *Nichelino (TO)*

10.00-10.30 PRESENTATION

Ezio Santagata *Politecnico di Torino*
THE USE OF SCRAP TYRE RUBBER IN ASPHALT PAVEMENTS
Borgaro-Venaria ring road and TYREC4LIFE program

10.30-11.00 PRESENTATION

Marco Barla *Politecnico di Torino*
SHALLOW GEOTHERMAL ENERGY APPLICATIONS IN BUILDINGS AND INFRASTRUCTURES
Intesa San Paolo Tower *Turin*
Line 1 Metro *Turin*

11.00-11.45 TRANSFERT TO SANGANO

11.45-12.30 WELCOME SPEECH

Agnese Ugues *Mayor of Sangano*

Luisa Mattiuzzo *Chair of Vito Scafidi School*

PRESENTATION

Marco Rosso *Metropolitan City of Turin*
THE SUSTAINABLE SCHOOL - AN ECO-COMPATIBLE AND ENVIRONMENTAL COMFORT PLAN
Vito Scafidi School *Sangano (TO)*

12.30-13.30 LUNCH

13.30-15.00 VISIT AT VITO SCAFIDI SCHOOL *Sangano*

15.00-17.30 VISIT AT BORGARO-VENARIA RING ROAD

18.00-18.30 VISIT AT METROPOLITAN CITY OF TURIN PALACE

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