

Forecasting Urban Heat Island and Heat-Health related impacts in a Climate Changing Environment and Urban Adaptation

First LIFE ASTI European Workshop - Preliminary programme

CNR Headquarter, Piazzale Aldo Moro 1, Rome
Aula Marconi, 5-6 December 2019

5 December

0845-0930 Registration

Invited talk

0930-1020 Evidences of Urban Heat Island effects from measurements and numerical modelling
Prof. Dino Zardi - University of Trento

Session I – Urban climate projects and presentations

1020-1100 On the role of the urban geometrical representation impact in a surface Energy budget model.
E. Conigliaro, P. Monti, G. Leuzzi, A. Cantelli

Laboratory study of flow and pollutant dispersion in urban canopies.
A. Di Bernardino A, P. Monti , G. Leuzzi, G. Querzoli

1100-1120 Coffee Break

1120-1240 Aerosol and gases observations by BAQUNIN supersite during the 2019 summer high temperatures events in Rome
M. Cacciani, M. Campanelli, A. M. Iannarelli, A. Di Bernardino, G. Mevi, A. M. Siani, S. Casadio

LIFE Good Local Adapt
M. Suanzes

ECOTEN Urban Comfort - Heat Resilient Solutions for Sustainable Cities
S. Bhattacharjee

LIFE Urbanproof
C. Papadaskalopoulou

1240-1400 Midday break

1400-1540 The Copernicus European Health Service project. Main findings and links with ASTI LIFE.
M. Scortichini, F. De' Donato

LIFE ADAPT2CLIMA
I. Lemesios

LIFE Adaptate

R. Ataz

LIFE Veg Gap

M. Mircea

Ad hoc temperature monitoring campaign to identify Rome's UHI within the Lazio Regional project RF SAT

S. Barberini, A. Di Giosa

Session II – The LIFE ASTI project

1540-1610 LIFE ASTI general presentation

D. Melas

1610-1655 LIFE ASTI Observation Network in Rome.

A. Cecilia, G. Casasanta, A. Conidi, I. Petenko, S. Argenti

Monitoring the Urban Heat Island effect with the LIFE ASTI application platform

P. Symeonidis, S. Taskaris, P. Mitropoulos

Interconnections of the urban heat island with the spatial and temporal micrometeorological variability in Rome.

G. Casasanta, A. Cecilia, V. Ciardini, R. Sozzi, I. Petenko, S. Argenti

1655-1715 Coffee break

1715-1745 First ASTI UHI model results and preliminary validation

S. Kontos, D. Parliari, A. Poupkou, S. Keppas, N. Liora, A. Bais, C. Meleti and D. Melas

Development of heat health watch warning systems in Rome and Thessaloniki in the ASTI LIFE project.

F. De' Donato, M. Scortichini

1745-1815 Discussion

6 December

0930-1100 Discussion for future collaboration between LIFE ASTI partners, networking partners and local stakeholders

1100-1130 Coffee break

1130-1230 Visit to BAQUNIN (Boundary-layer Air Quality-analysis Using Network of Instruments) super-site at Sapienza, University of Rome

Additional information

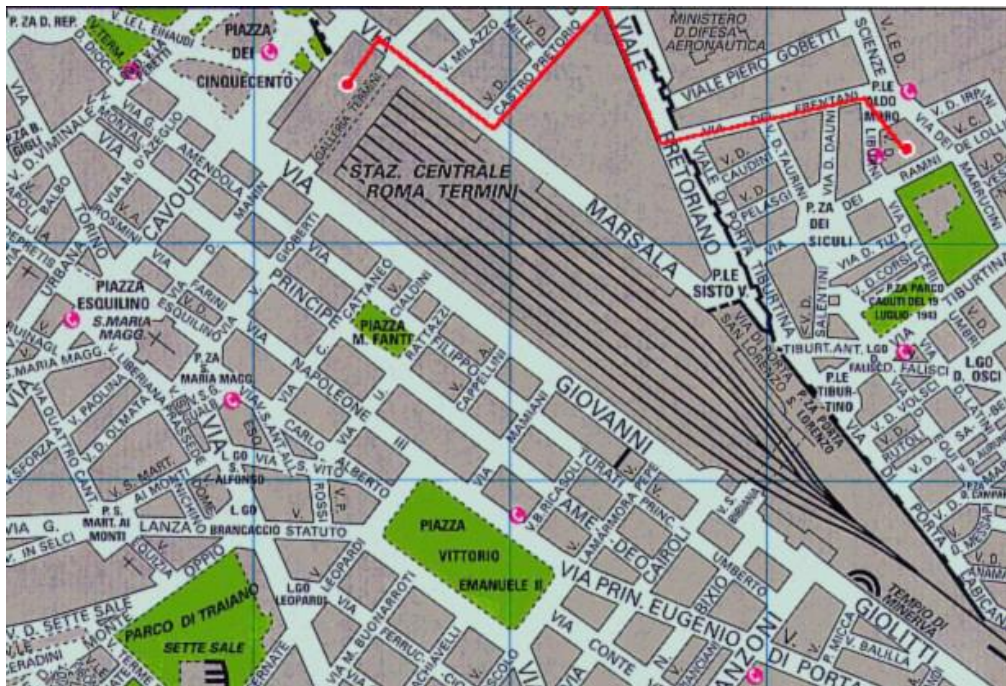
The workshop is organized in the framework of the LIFE17 CCA/GR/000108 ASTI (Implementation of a forecAsting System for urban heat Island effect for the development of urban adaptation strategies) programme financed by the European Commission. LIFE programme is the EU's funding instrument for the environment and climate action having as general objective to contribute to the implementation, updating and development of EU environmental and climate policy and legislation by co-financing projects with European added value.

Partecipation is **FREE OF CHARGE** but registration is needed.

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Venue

National Research Council of Italy (CNR), Piazzale Aldo Moro, 7, Rome, Italy
Meeting Room: Aula Marconi



CNR headquarter is about 1,5 Km from Termini Station, 15-min walk following the itinerary indicated in the figure (red map). Termini Station can be reached by both train from Rome Fiumicino Airport and Metro lines A and B.

More information available at <https://www.cnr.it/en/reach-headquarters>.