



Tuesday April 21th, 16:00-18:30
Università La Sapienza, Via Eudossiana 18, Roma

3rd UC Lifeline week – “Towards more Resilient Communities”

Critical infrastructures and urban resilience: mapping assets, actors and data

The Working Team of “Roma Resiliente” recently kicked off its activity on the key issue of the governance and management of **critical assets and infrastructures** in the perspective of urban resilience. As a first step - based on the tools provided by the 100 Resilient Cities Network - the working team will **map assets and infrastructures, the actors that preside over their management, the relevant plans, policies and regulations, the availability and quality of their data-sets and the infrastructure level of service**. As a second step – leveraging on analysis being implemented in the contexts of other project’s work-lines - the Working Team will assess the **vulnerability of these assets and infrastructures to stresses and shocks**.

This work-line will be developed both in the form of **desk research** and in the form of **participatory stakeholders’ engagement settings**. The team will organize and facilitate – during the months of April and May - a program of focus groups reserved to relevant stakeholders aimed at sharing the needed information and perspectives to the development of the work-line.

The International panel “**Critical infrastructures and urban resilience: mapping assets, actors and data**” is organized by “Roma Resiliente”, in collaboration with the research project “RoMA , Resilience Enhancement of Metropolitan Areas”, led by ENEA, as part of the 3rd UC Lifeline Week “Towards more Resilient Communities”. The panel” aims to **comparing and sharing relevant experiences on this topic with international contributors**, that are representing three cities involved in the “100 Resilient Cities” initiative, namely: Los Angeles (United States), Thessaloniki (Greece) and Christchurch (New Zealand).

Key questions of the panel will be:

- **What are the key critical assets and infrastructures in different local contexts and what are the criteria for their selection?**
- **What are the challenges for a cooperative urban resilience-oriented governance when dealing with critical assets and infrastructures?**
- **What are the best strategies and tools to map critical assets and infrastructures and to collect and share relevant data?**
- **How to evaluate the exposure and vulnerability of critical assets and infrastructures to shocks and stresses?**

The panel will be concluded by a **final roundtable** where relevant **local stakeholders** will be asked to put in the local perspective the experiences and lessons offered by the international contributors.

Program

16.30 - 16.40 Registration

Session 1 Introduction: Setting the stage for a more resilient Rome

16.40 - 16.45 **Resilient Infrastructures for Resilient Cities and Communities**

Sonia Giovinazzi, University of Canterbury, NZ, Paolo Franchin, La Sapienza University of Rome - co-organisers of the 3rd UC Lifeline Week

16.45 - 17:15 **A Resilience Strategy for Rome: the “Roma Resiliente” process**

Alessandro Coppola, Roma Resiliente

17.15 - 17:45 **Critical Infrastructures and Urban Resilience in the Roman context**

Alberto Tofani, ENEA

Session 2 International contributions: Los Angeles, Christchurch, Thessaloniki

17:45–18:00 **The Los Angeles Resilience by Design Program**

Craig A. Davis, City of Los Angeles (United States)

18:00-18:15 **Mapping assets, actors and data for critical infrastructures: innovative approaches from the New Zealand**

Rod Cameron, City of Christchurch (New Zealand)

18:15–18:30 **Mapping Assets Actors and Data: the experience the Syner-G project in Thessaloniky**

Kyriazis Pitilakis, Aristotle UniversityThessaloniki (Greece)

Session 3 **Final Roundtable: Critical infrastructures and urban resilience in Rome: challenges and opportunities**

18:30 –19:00 *Carlo Maria Medaglia , Amministratore Delegato di Roma Servizi per la Mobilità;*

Biagio Eramo, Responsabile Ingegneria e Servizi Acea SpA

Mauro Dolce, Protezione Civile Nazionale

With the participation and support of:



RESILIENCE ENHANCEMENT OF A METROPOLITAN AREA

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