

SEMINAR: “Aspects of risk perception and social resilience: the case of LIFE PRIMES project”

DATE: Wednesday 15th of November

VENUE: Riga Technical University, Institute of Energy Systems and Environment, Āzenes iela 12, auditorium 111.

Time: 16.30 – 19.15

Lecturer: Maria Teresa Carone, PhD

Moderator: Francesco Romagnoli

Seminar description

Nowadays with the term resilience is described the ability of a system, community or society exposed to hazards to resist, absorb, adapt and recover from the impacts in a sound and efficient way. Resilience is thus a complex construct of multiple resilience concepts in fact having multi- and inter-disciplinary features. Within this perspective the quantitative and qualitative evaluation of the system's resilience represents a key issue to further enhancing measures or mechanism to optimize the allocation of potential resources.

Nowadays is becoming actual the meaning of the disaster-resilience design intended and oriented toward the creation of specific professional figures that should deal with both direct consequences of the disaster as well as long term effects. Hence several discipline needs to be involved within the overall assess of the system resilience.

Specifically this seminar addresses its attention on the social aspects of communities facing with natural hazards with an emphasis on the main aspects governing the risk perception in communities exposed to threats.

The idea of the seminar is the result of a joint cooperation among the Riga Technical University, Institute of Energy Systems and Environment and the Department of Life and Environmental Sciences at the Università Politecnica delle Marche (UNIVPM). UNIVPM with its bachelor and master programme on Environmental Science and Civil Protection together with The Disaster Lab (DLab) initiated by Prof. Fausto Marincioni already represent a relevant research body at national and international level on topics oriented to: emergency planning, disaster management, risk assessment and risk perception of natural disasters.

Seminar agenda

1. General introduction about disaster resilience and risk perception
2. The project PRIMES: description and main objectives
3. Presentation of a case study from Italy
 - a. A questionnaire-based approach
 - b. Preliminary results
4. Discussion

LECTURER



Maria Teresa Carone, Ph.D

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Short biography

Maria Teresa Carone, Ph.D, was born in Italy. She holds two Doctoral Degrees in Environmental Science, a Doctor Europaeus from the University of Molise, on the subject of River Ecosystems, and a Ph.D. from a consortium of the Universities of Basilicata, Genova, Pisa e Firenze, on the subject of Environmental Monitoring Methods and Techniques. Her Master's Degree was in Natural Sciences from the University of Naples "Federico II". In addition, Teresa is currently enrolled in a Master's Degree program at the University of Turin on the subject of Animal and Human Behavior Evolution (Ethology).

On December 1st, 2015, Maria Teresa Carone, Ph.D., began a three years Post-Doctoral position with the Department of Life and Environmental Sciences at the Università Politecnica delle Marche (UNIVPM), Italy. She also holds a research position at the The Disaster Lab (DLab) at the UNIVPM initiated by the Prof. Fausto Marincioni.

Since 2015 Teresa is participating as researcher at the EU project LIFE14 CCA/IT/001280 titled: Preventing flooding Risks by Making resilient Communities (PRIMES). The project aims at building resilient communities through their engagement and proactive participation in the operations of early warning and flood risk prevention measures. The overall expected result is an Integrated Early Warning Model able to strengthen interaction with citizens, that should improve warning procedures and facilitate knowledge exchange thus increasing awareness of the climate change risks. Within the project the DLab group working has also a relevant research position. A more detailed description of the project and participating partners can be found at <http://ec.europa.eu/environme.../.../project/Projects/index.cfm>.

Teresa's scientific career includes numerous grants and fellowships, and a tenured position with the Environmental Protection Agency of the Regione Basilicata (ARPAB). She has published extensively on the subject of environmental protection and presented her research at international conferences.