

UNISCAPE *En-Route* International Seminar

Recovering river landscape

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**RECYCLING NETWORKS.
EXPERIENCES AND PERSPECTIVES FOR SARNO PLAIN TERRITORIES**

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Track b. Resilient spaces of river fruition

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Abstract

In the past management, control, and exploitation of resources promoted the development of economies and social apparatus that influenced the territorial assets, wisely respecting natural balance.

Alteration of ecological conditions, global climate change and, above all, linear and intensive consumption of land and resources has led to an imbalance of environmental settings, and, as a consequence, a loss of sustainability and resiliency for the urban settlements.

In this context the issues related to flood risks are joined with those of pollution, poor land management and waste areas resulting from the insane metabolism of the cities, contributing to outline a *new geography of risks*.

This condition today is peculiar in many territorial contexts and the Sarno river plain is an emblematic case. The culture of sustainable water management, revealed by still existent hydraulic system, show the setting for the implementation of an ambitious industrialization and remediation plan for the area during VIII and IX century. Nowadays this system appears compromised by a massive and uncontrolled urban development, returning a fragile and damage territory. The Plain of the Sarno river is one of key study area in *Re-cycle* research program. The aim is to re-connect signs and devices of an ancient water management system through a new blue network of water, implementing innovative strategies to recreate the structure of a resilient territory.

In addition, the parallel experience of PUC of Poggiomarino, addresses these issues from the municipal level and tries to implement planning strategies, interacting and integrating with those at territorial level. The nature itself of environmental and infrastructural issues at the municipal level must interact with the goals and policies at the regional scale, outlining new innovative planning scenarios that take place through the employment of direct and indirect financial resources (rewarding, taxation, rationalization of expenditure).

This contribution aims to reflect on the strategic and systemic value of components that make up the *geography of recycle*, considering the project as an incremental process that can fit in the time of reclamation through new territorial framework (*blue, green and innovative use network*), provides spatial coherence and organization to a recycle plan for the territory by recovering an unprecedented balance between urban systems and environment.

It is therefore contextualize signs, spaces and practices within a vision that, identifying which parts of the territory may be considered as structure - resistance elements - and which may be susceptible to an evolutionary and adaptive model – that we now name *resilience* -, recover and actualize a new narrative for the territory which has been interrupted for nearly a century. The vision proposed define new landscapes and have effect on natural and existing artificial network to rebuild usability and sustainability of territory.

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