Mercoledì 9 giugno 2021 ore 15.30

Risk and territorial resilience

The lecture aims to define, as specific goal, the interaction between concepts of risk analysis and territorial resilience, in terms of the development of risk assessment models that integrate the definition of the ethical-legal criterion - social-economic-technical "acceptability" of the residual risk. Proposed soft skills enrich knowledge and understanding of these concepts by means of the production strategies' analysis (in terms of goods and services), the use of innovative technologies applied to territorial vulnerability monitoring (i.e. seismic risk evaluation).

According to the transversal nature of risk concept and safety, applications concerning the territorial vulnerability with regard to critical infrastructures and complex systems and the impact of accidents will be presented for the integrated risk analysis model related to the management of natural critical events.

The aim of this lecture is, therefore, to map a theoretical conceptual scheme to identify synthetic indicator starting from territorial risk components by means of holistic representation model, according to which this dimension is positively correlated to factors of territorial vulnerability and negatively to factors of resilience. We intend to describe the local system in its specific dimensions (defined as cindinic hyperspace) to investigate how exposure to risk is determined by environmental factors.

The analysis of territorial factors, relevant from the point of view of the exposure of the territory to the risk of a disturbing condition, allows to do the map of territorial resilience on a regional scale. The logical, ethical-axiological, epistemic-statistical criteria will allow the components identified to be traced back to the macro-categories "vulnerability" and "resilience" (by identifying attributes that involve structural heterogeneity, redundancy, availability of resources, adaptation of the territorial system).

***Keywords**: territorial resilience, territorial risks, management and planning of ordinary and emergency conditions*

Riferimenti bibliografici di base

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