



Università degli Studi della Campania “Luigi Vanvitelli”

Dipartimento di Architettura e Disegno Industriale

Dottorato Industriale in Tecnologie per Ambienti di Vita Resilienti

38° - 39° Ciclo

20.02.25 - Sala del Consiglio, 09:00-14:00

Dipartimento di Ingegneria, Via Roma - Aversa

Resilienza urbana ai fenomeni alluvionali *Urban Resilience to Floods*

Flooding is one of the most challenging weather-induced risks in urban areas, due both to the typically high exposures in terms of people, buildings and infrastructures, and to the uncertainties lying in the modelling of the involved physical processes.

Several procedures, less or more detailed, are available in scientific literature for the assessment of hazard and risk maps, in most cases designed to achieve maps or charts from the combination of probabilistic analysis of historical records and geographic information knowledge. In many countries, standard procedures are also available, mainly for planning purposes. The European Directive 2007/60/EC (Flood Directive) establishes the framework for the assessment and the management of flood risks. A crucial tool for the achievement of these objectives is the preparation of flood hazard and flood risk maps. This activity calls for an active involvement of all the stakeholders in developing flood risk management plans.

Introduce

SERGIO SIBILIO

Coordinatore del Dottorato Industriale
in Tecnologie per Ambienti
di Vita Resilienti

Interviene

CORRADO GISONNI

Professore Ordinario - CEAR-01/B

Segreteria

Giovanni Ciampi, Vincenzo Cirillo, Mariateresa Guadagnuolo

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