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Volcanic hazard in urban area (Naples, ITALY): a tool to improve a resilient response

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The CP Model EU project, financed as Civil Protection instruments 2015, coordinated by Centro Studi Montesca (ITALY), involves 6 European partners to develop a MOOC (massive open online course) on Resilience to natural hazard in urban context. In particular the Italian partner Istituto Nazionale di Geofisica e Vulcanologia in collaboration with a national expert, Professor Paolo Gasparini (University of Naples), focused on volcanic hazard in Neapolitan Urban. After a first phase aimed to identify the "resilience criticalities" from the outcome of a questionnaire developed ad hoc as a CP Model Task, the INGV Research Unit has produced three video lessons for the MOOC. One of these lessons is a case study about the city of Napoli as an example of city undergoing several potential natural hazards and where the risk evaluation related to each of them is very complex. Moreover one of the main problem that worries the urban Neapolitan area, in terms of potential impact, is the expected unrest of the Campi Flegrei active caldera, that includes a large part of the city. Proposing that complex case study in the MOOC on Resilience to natural hazard, will help to diffuse, among different stakeholders, the concept of resilience in their approach to risk mitigation, promoting a future resilient response of an urban area to natural hazard.