

<b>Title of the Ph.D. course</b>	<b>EVALUATION AND MITIGATION OF URBAN AND LAND RISKS</b>
<b>Cycle</b>	XXXVI
<b>Scientific field</b>	Engineering and Architecture
<b>Duration</b>	3 years
<b>Department</b>	Department of Civil Engineering and Architecture
<b>Department website</b>	<a href="http://www.dicar.unict.it/">http://www.dicar.unict.it/</a>
<b>Ph.D. Course Coordinator</b>	Prof. Massimo Cuomo
<b>Partner Institution(s)</b>	None
<b>Research themes</b>	<p>The Doctoral Programme includes 3 curricula:  Engineering for Hydraulic, Environmental and Transport Infrastructures.  Structural and Geotechnical Engineering  Plan and Design for the Territory and the Environment.</p> <p>Some of the research topics developed in the PhD course are described in the Department web site. They pertain to the safety assessment of urban and territorial infrastructures subjected to various hazards, to the development of new strategies, materials and processes aimed to improve the performances and the efficiency of buildings and infrastructures, with respect to safety, energy saving, environmental protection etc.</p> <p>For the XXXVI cycle one scholarship is financed by the Italian Institute of Social Security – Research theme: Conservation of settlements and sites of cultural interest between abandonment and overcrowding</p>
<b>Available places</b>	<p>1) Places with scholarship financed by the University of Catania: <b>6</b></p> <p>2) Places with scholarship financed by the Italian Institute of Social Security reserved to the children and orphans of users registered with the unitary system of social security credits and the children of retirees registered with the management of public employees: <b>1</b>  <u>Research theme</u>: Conservation of settlements and sites of cultural interest between abandonment and overcrowding</p> <p>3) Place with scholarship financed by Ambiens S.r.L.: <b>1</b>  <u>Research theme</u>: Monitoring of the environmental impact of photovoltaic power systems on the soil and the climate.</p> <p>4) Places without scholarship: <b>1</b></p> <p><b>TOTAL: 9</b></p>
<b>Selection procedures</b>	<p>1) Evaluation of qualifications;</p> <p>2) Oral Examination</p>
<b>Date, place, format and language of the oral examination</b>	<p>Date: September 24 2020, h. 9.00 (9,00 am Italian time)  Place: Aula Oliveri Ed. 3, Viale Andrea Doria 6, Catania</p> <p>Format:</p> <ul style="list-style-type: none"> <li>- Dissertation on the research project</li> <li>- General knowledge of the themes of the candidate's degree and/or the themes related to the Ph.D. course</li> </ul> <p>Language: Italian or English</p>