

Annex n. 1

INTERNATIONAL PHD PROGRAMME / UNESCO CHAIR “ENVIRONMENT, RESOURCES AND SUSTAINABLE DEVELOPMENT”	
<p>Total number of positions</p>	<p>n. 2 ordinary positions with scholarship funded by the University.</p> <p>n. 2 positions with scholarships DM 117/2023 co-funded by the Company Centro Italiano Ricerche Aerospaziali (C.I.R.A.).</p> <p>n. 4 positions with scholarships funded by DM 118/2023 (n.2 PNRR + n.2 Digital and Environmental transitions).</p> <p>n. 2 positions reserved to employees of companies (n.1 Leonardo S.p.A. + n. 1 Centro Italiano Ricerche Aerospaziali (C.I.R.A.).</p> <p>n. 1 position with scholarship funded by the Centro Euro-Mediterraneo per i Cambiamenti Climatici (CMCC).</p> <p>n. 1 position without scholarship.</p>
<p>Deadline for applications</p>	<p>31 July 2023</p>
<p>Requirements for positions linked to the DM 118</p>	<p>Topic: <i>Sustainable Development Goals (SDGs) and assessment of natural capital and ecosystem services.</i> Type of scholarship: “Digital and environmental transitions”.</p> <p>Candidates who accept this scholarship must declare that they are aware that it is mandatory to spend at least 6 months in a company and 6 months abroad. In addition, the candidates must submit together with the application a short research project of max 5 pages written in English in which they develop the topic above.</p> <p>Topic: <i>Study, mapping, conservation, restoration, and sustainable management of marine ecosystems.</i> Type of scholarship: “Digital and environmental transitions”.</p> <p>Candidates who accept this scholarship must declare that they are aware that it is mandatory to spend at least 6 months in a company and 6 months abroad. In addition, the candidates must submit together with the application a short research project of max 5 pages written in English in which they develop the topic above.</p> <p>TEMATICA: <i>Role of integration of systems for sustainable mobility.</i> Type of scholarship: PNRR.</p> <p>Candidates who accept this scholarship must declare that they are aware that it is mandatory to spend at least 6 months abroad.</p>

	<p>In addition, the candidates must submit together with the application a short research project of max 5 pages written in English in which they develop the topic above.</p> <p>TEMATICA: <i>Innovative treatments for sustainable depuration of waste water.</i></p> <p>Type of scholarship: PNRR.</p> <p>Candidates who accept this scholarship must declare that they are aware that it is mandatory to spend at least 6 months abroad. In addition, the candidates must submit together with the application a short research project of max 5 pages written in English in which they develop the topic above.</p>
<p>Requirements for positions linked to the DM 117</p>	<p>Topic: <i>Advanced monitoring of pollution phenomena using stratospheric platforms and remote-proximal sensing integrated techniques.</i></p> <p>Scholarship co-funded by the Centro Italiano Ricerche Aerospaziali (C.I.R.A.).</p> <p>Candidates who accept this scholarship must declare that they are aware that it is mandatory to spend at least 6 months in a company and 6 months abroad. In addition, the candidates must submit together with the application a short research project of max 5 pages written in English in which they develop the topic above.</p> <p>Topic: <i>Monitoring and environmental impact assessment using advanced techniques of bio-indication and earth observation.</i></p> <p>Scholarship co-funded by the Centro Italiano Ricerche Aerospaziali (C.I.R.A.).</p> <p>Candidates who accept this scholarship must declare that they are aware that it is mandatory to spend at least 6 months in a company and 6 months abroad. In addition, the candidates must submit together with the application a short research project of max 5 pages written in English in which they develop the topic above.</p>
<p>Requirements for ordinary positions and positions without scholarship.</p>	<p>Candidates who accept this type of scholarship must declare that they are aware that it is mandatory to spend at least 3 months abroad. In addition, the candidates must submit together with the application a short PhD research project of max 5 pages written in English.</p>
<p>Requirements for other type of positions</p>	<p>Topic: <i>GIS and Remote Sensing to study heat islands in urban environments.</i></p> <p>N. 1 Scholarship funded by the Centro Euro-Mediterraneo sui Cambiamenti Climatici (CMCC).</p> <p>Candidates who accept this type of scholarship must declare that they are aware that it is mandatory to spend at least 3 months</p>

	abroad. In addition, the candidates must submit together with the application a short research project of max 5 pages written in English in which they develop the topic above.
Lenght of the programme	3 years
Scientific sectors of the PhD Programme	BIO/07 ICAR/06-03 FIS/05-06 MAT/08 BIO/05-06-09-19 MED/42
Education aims	<p>The International PhD Programme “Environment, Resources, and Sustainable Development” is designed to train the future intellectual leaders in the field of environmental science and sustainable development.</p> <p>In line with the scientific scope of the PhD Programme and the establishment of the UNESCO Chair in “Environment, Resources and Sustainable Development”, the educational goals are focused on local and global environmental problems, with particular reference to the 17 SDGs of the United Nation 2030 Agenda.</p> <p>The PhD Programme is broad and focused on different scales of investigation, from molecules to ecosystems, always promoting an interdisciplinary and system-based approach to science and problem solving.</p> <p>Particular attention will be placed on human-nature interactions, nature and resources conservation, and the implementation of sustainable development models and strategies.</p>
Coordinator	Prof. Pier Paolo Franzese
Requirements for the admission	<p>Possession of one of the following qualifications:</p> <ul style="list-style-type: none"> - “laurea specialistica” or “laurea magistrale” awarded in accordance with the Italian DM 509/1999 and subsequent amendment and additions; - “laurea” or “diploma di laurea” awarded in Italy in earlier courses whose legal duration is at least four years; - Degree from a foreign University equivalent to the above degrees; <p>In the latter case, if the title has not already officially declared equivalent to the Italian degree, the decision on the admission will be taken by the Examination board of the PhD Programme.</p>
Evaluation of titles	<p>Curriculum: minimum 0, maximum 10.</p> <p>Scientific publications: minimum 0, maximum 5.</p>
PhD project proposal	<p>All candidates must submit together with the application a short research project proposal (max 5 pages) written in English language under penalty of exclusion.</p> <p>The research project will be evaluated with the following score:</p>

	minimum 0, maximum 5.
Interview	<p>On-line interview in English language on 12 September 2023 at 10.00am (CET).</p> <p>The examination board will meet at Parthenope University, Centro Direzionale Isola C4 80143, Naples, Italy.</p> <p>Minimum score 30, maximum score 55, interview passed with a minimum score of 30.</p>