ANNEX A

UNIVERSITÀ DEGLI STUDI DEL MOLISE

| DIVISIONE RISORSE E SERVIZI |
| AREA SERVIZI AGLI STUDENTI |
| COORDINAMENTO SEGRETERIE STUDENTI |
| SETTORE DOTTORATI DI RICERCA |

PhD in Ecology and Territory

Coordinator	Prof. Bruno Lasserre e-mail: lasserre@unimol.it
Short description	The PhD Course in Ecology and Territory aims to develop advanced scientific and technological abilities required to carry out highly qualified autonomous research activities, even with an interdisciplinary approach, to apply to the fields of conservation, enhancement, management and sustainable planning of natural resources and territorial heritage, also with reference to the process of territorialisation in a diachronic perspective. In particular, doctoral students acquire theoretical and practical knowledge to: carry out functional analysis of environmental (geo-eco-cultural) and territorial systems, define and implement environmental and territorial monitoring protocols and advanced tools for the conservation and enhancement of biodiversity, develop and use sustainable landscape management and planning approaches, carrying out environmental impact analysis and strategic environmental assessment and the related historical and geographical investigations, using innovative methodologies for the protection of environmental and cultural assets. Overall, the course involves the study of the territory in its different dimensions, with innovative multi-scale approaches aimed at integrating the need for environmental protection and health with that of sustainable socio-economic development, also through the design of prevention and management systems of natural and man-made risks, of green infrastructures for resilience and urban regeneration. The interdisciplinary training objectives of the course are also oriented towards the acquisition of in-depth knowledge of the English language, data processing skills, and ability to manage research activities.
Web site	http://dipbioter.unimol.it/dottoratoecoterr/
Course length	01/11/2020 – 31/10/2023

Positions	Positions with scholarship	4
	Positions without scholarship	1
	Positions with scholarship reserved for applicants from foreign universities	1
	TOTAL	6
	OF WHICH WITH SCHOLARSHIP	5

Admission requirements	- A University degree obtained after 2-year specialization courses - A University degree (old university legislation) - Foreign academic qualification already declared equipollent by competent Italian authorities or deemed equivalent for the sole purposes of the competition.
Assessable qualifications and relative score	Qualifications evaluated up to 20/80 points: - Final degree mark; in the case students did not graduated yet the average of the marks obtained to each exam will be considered

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	- Scientific publications on peer-reviewed journals (max. 3), scientific publications in congress proceedings (max 3), participation to national and international congresses with oral presentations and posters; - Other qualifications considered evaluable (study grants, awards, courses attended, Masters, Erasmus or study programs abroad, work experiences related to the PhD themes, etc)
Examination themes and interview	Application forms should be accompanied with a research project proposal completed with date and signature. The proposal will be discussed during the interview. It is compulsory to send the research project with the application. The research project must have a maximum length of 10.000 characters (excluding references) and it can include drawings, figures and graphs. The project proposal must be on one of the following themes: • Characterization, monitoring, recovery and conservation of animal and plant biodiversity • Characterization, monitoring and mitigation of the effects of global changes on ecosystems • Use of remote sensing data for spatial planning • Monitoring and modelling of ecosystems • Characterization and monitoring of the natural river and marine-coastal environments • Enhancement of territorial environmental and cultural resources The oral exam will focus on the presentation of the candidate's career, on the presentation and discussion of the research project and will also consist in a verification of knowledge of the English language. For the presentation and oral discussion of the project, candidates may also make use of IT supports.
Criteria for the evaluation	The scores will be published, as soon as available, and before the interview, on the web site https://www.unimol.it/https-www-unimol-it-ricerca/dottorati-di-ricerca-2/avvisi/ Scored at most 20/80 for the titles scored at most 60/80 for the project presentation: 20/80 for the research project proposal annexed to the application form 40/80 for the oral presentation The results will be published at the link: https://www.unimol.it/https-www-unimol-it-ricerca/dottorati-di-ricerca-2/avvisi/
Interview calendar	Date: September 16th, 2020, at 09:00 a.m. Rome Time according to the timetable defined by the Commission on the basis of the number of admitted to the interview. Place: Dipartimento di Bioscienze e Territorio, Università degli studi del Molise, Contrada Fonte Lappone, Pesche (IS).