



DOCTORAL PROGRAMME

IN

SUSTAINABLE MANAGEMENT OF AGRICULTURAL, FORESTRY AND FOOD RESOURCES

Director prof. Erminio Monteleone

XXXVII cycle – academic year 2021/2022

TECHNOLOGICAL AREA	
ADMINISTRATIVE OFFICE	Department of Agriculture, Food, Environment and Forestry
CURRICULA	<ol style="list-style-type: none">1. Wine Economics and Rural Development2. Forest Economics, Planning and Wood Science3. Agricultural and Forest Engineering4. Food Science and Technology
POSITIONS AVAILABLE: 6 Positions with Scholarship: 5 Positions without Scholarship: 1	
SCHOLARSHIPS: 4	University of Florence
RANKING LIST FOR POSITIONS WITH SPECIFIC RESEARCH TOPICS SCHOLARSHIP AVAILABLE: 1	<p>Department of Agriculture, Food, Environment and Forestry (DAGRI) funded partly by PRIN2017 project "WATER mixing in the critical ZONE: observations and predictions under environmental changes - WATZON" (CUP B14I19001840001), partly by IRPI CNR (Istituto di Ricerca per la Protezione Idrogeologica del Consiglio Nazionale delle Ricerche).</p> <p>Thematic: "Water mixing processes in Appennine forested catchments".</p> <p>The specific topic focuses on the analysis of hydrological and ecohydrological processes in Appennine forested catchments. The successful candidate will use an integrated methodological approach based on hydrometeorological monitoring, environmental tracers (electrical conductivity and stable isotopes of oxygen and hydrogen) and hydrological modelling to study water exchanges within the different components of the hydrological cycle in the light of current climate change.</p>
STUDY/RESEARCH PERIODS ABROAD	Mandatory only for positions with scholarship
MANDATORY PERIOD REQUIRED	3 months
DOCUMENTS REQUIRED FOR THE ADMISSION (under penalty of exclusion)	<ul style="list-style-type: none">• Copy of the Identification Document• Self-declaration for qualifications (bachelor's/Master's/combined cycle degree) obtained in Italy with a list of all exams taken and their mark, title of the thesis and graduation mark (download the form here make sure you fill in in all the fields)• Foreign qualification required to access with a list of all exams taken

	<p>and their mark, title of the thesis and graduation mark.</p> <p><i>The same documentation except for the final mark must be submitted by those who will graduate by 31/10/2021</i></p>																		
DOCUMENTS REQUIRED FOR THE EVALUATION	<p>MANDATORY</p> <ul style="list-style-type: none"> • Curriculum vitae (European format) • Research Project <p>OPTIONAL</p> <ul style="list-style-type: none"> • List of publications • Any other scientific qualification document 																		
REFERENCE LETTERS	<p>A section is provided in the online application to specify the e-mail address of one professor/researcher willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course.</p>																		
RESEARCH PROJECT	<p>The research project must refer to one of the research topics of the PhD program (http://www.phd-gsrafa.dagri.unifi.it/ls-13-curricula.html?newlang=eng). The project can be written in Italian or English and should be organized in the following sections: title, research question and state of the art, aims, materials and methods, expected results, cited references. The project should not exceed 12000 characters including spaces (not including references, tables and figures). The project will not necessarily be the PhD thesis project of the candidate, should he/she be accepted in the program.</p>																		
EVALUATION PROCEDURE	<ul style="list-style-type: none"> • Evaluation of curriculum vitae, research project, publications and other qualification documents • Interview <p>As detailed in the section below “Evaluation Marks”.</p>																		
OTHER LANGUAGE FOR THE INTERVIEW	English																		
INTERVIEW MODE	Remotely (videocall)																		
FURTHER INFORMATION	Interview in English or Italian. If in Italian, the English language knowledge is tested during the interview.																		
EVALUATION MARKS	<table border="1"> <thead> <tr> <th>parameter</th> <th>minimum score</th> <th>maximum score</th> </tr> </thead> <tbody> <tr> <td>Curriculum vitae, publications, other qualification documents</td> <td>10/120</td> <td>20/120</td> </tr> <tr> <td>Research Project</td> <td>30/120</td> <td>40/120</td> </tr> <tr> <td colspan="3">Applicants who obtain a mark of at least 40/120 according to the minimum score for each parameter will be admitted to the interview</td> </tr> <tr> <td>Interview: discussion of the research project and qualification documents</td> <td>40/120</td> <td>60/120</td> </tr> <tr> <td colspan="3">Eligibility is achieved with a minimum score of 80/120</td> </tr> </tbody> </table>	parameter	minimum score	maximum score	Curriculum vitae, publications, other qualification documents	10/120	20/120	Research Project	30/120	40/120	Applicants who obtain a mark of at least 40/120 according to the minimum score for each parameter will be admitted to the interview			Interview: discussion of the research project and qualification documents	40/120	60/120	Eligibility is achieved with a minimum score of 80/120		
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FURTHER INFORMATION	The evaluation of curriculum vitae, research project, publications, scientific																		

ABOUT THE EVALUATION PROCESS	qualification documents will consider the candidate's preparation and skills in relation to the research topics of the curricula of the PhD programme.
THEMATICS	Discussion of the research project and of any other academic and scientific titles and publications will aim at evaluating the candidate's interest and motivation towards scientific research in the fields of interest of the PhD curricula.
Further information available at the following web page: http://www.phd-gsrafa.dagri.unifi.it/ls-12-phd-program.html	

EXAMINATIONS SCHEDULE		
	DATE	TIME
INTERVIEW	September 16 th 2021	9:30 a.m.
The list of the candidates admitted to the interview and the final ranking will be published at the following web page: https://www.unifi.it/p12018.html		