

# DOCTORAL PROGRAMME IN EARTH AND PLANETARY SCIENCES

Coordinator prof. Sandro Conticelli

XL cycle - academic year 2024/2025

<b>SCIENTIFIC AREA</b>	
<b>ADMINISTRATIVE OFFICE</b>	Department of Earth Sciences
<b>WEB</b>	<a href="http://www.dst.unifi.it/dottorato_earth_and_planetary_sciences">www.dst.unifi.it/dottorato_earth_and_planetary_sciences</a>
<p><b>POSITIONS AVAILABLE: 8</b></p> <p>Positions with Scholarship: 7 Positions without Scholarship: 1*</p> <p>* standard ranking only</p>	
<b>RANKING LIST FOR STANDARD POSITIONS SCHOLARSHIPS AVAILABLE: 4</b>	<p>3 - University of Florence</p> <p>1 - Department of Earth Sciences – Progetto Ministeriale “Dipartimenti di Eccellenza 2023-2027”</p>
<b>RANKING LISTS FOR POSITIONS WITH SPECIFIC RESEARCH TOPIC SCHOLARSHIPS AVAILABLE: 3</b>	<p>1 - Department of Earth Sciences – Progetto Ministeriale “Dipartimenti di Eccellenza 2023-2027” CUP B17G23000050001</p> <p><b>Thematic:</b> “Estimation of the volumetric water content in the soil through non-invasive geophysical measurements of electrical conductivity”.</p> <p>1 – Department of Earth Sciences</p> <p><b>Thematic:</b> “Studies and applications of environmental and remotely-sensed data using Earth Observation technologies from Space for geohazard assessment” Funded by the following projects: Bando ASI PNRR SPAZIO Decreto N. 687/2022 - Deliberazione N. 71/2022 - Tematica 15 Attività Spaziali, avviso MUR N. 341/2022 PE - programma SPACE IT UP! Decreto ASI N. 53/2024) - CUP B53C24001020006 and project CASARNET 2016</p> <p>1 - Istituto Nazionale di Geofisica e Vulcanologia (INGV)</p> <p><b>Thematic:</b> “Fluid geochemical characterization of low-medium temperature geothermal reservoirs in North-Eastern Italy”.</p>
<b>STUDY/RESEARCH PERIODS ABROAD</b>	3 months

<p><b>DOCUMENTS REQUIRED FOR THE ADMISSION</b> (under penalty of exclusion)</p>	<ul style="list-style-type: none"> <li>• Copy of the Identification Document</li> <li>• Self-declaration for qualifications obtained in Italy (laurea triennale, specialistica o magistrale o ciclo unico) with a list of all exams taken and their marks, title of the thesis and graduation mark (download the form <a href="#">here</a>, make sure you <b>fill in all the fields</b>)</li> <li>• Qualifications obtained abroad (Bachelor’s and Master Degrees or combined cycle Degree) with a list of all exams taken and their marks, title of the thesis and graduation mark.</li> </ul> <p><i>The same documentation except for the final mark must be submitted by those who will graduate within the 31/10/2024</i></p>
<p><b>DOCUMENTS REQUIRED FOR THE EVALUATION</b></p>	<p><b>MANDATORY</b></p> <ul style="list-style-type: none"> <li>• Curriculum vitae (European format), with indication of qualifications and all publications of the applicant</li> <li>• Research Project</li> </ul> <p><b>OPTIONAL</b></p> <ul style="list-style-type: none"> <li>• Copy of publications (if any)</li> <li>• Certificate of English proficiency at level B2 or higher</li> </ul>
<p><b>RESEARCH PROJECT</b></p>	<p>The research project has to be presented in the field of the doctorate topics, maximum length of 12,000 characters (with spaces included), with an abstract, introduction, bibliography and collaborations (the research project is requested with the aim to evaluate the general attitude of the candidate to the research work). The research project can be presented in English language.</p> <p>In the application forms, the candidate has to indicate whether he/she wants to participate to the selection for the “standard positions”, to a selection for one of the “positions with specific topics”, or both. In the latter case, the candidate may submit the same project or two different research projects indicating, in the file name of the additional one, “specific research topic scholarship”. If a candidate wanted to participate to different selections for the “positions with specific topics” has to present distinct research projects.</p> <p>It is essential that the candidates clearly indicate the selection/s they wish to participate in and the related research project/s.</p>
<p><b>FURTHER INFORMATION</b></p>	<p>The interview is also intended to verify candidate knowledge of the English language (level B2 or higher). Selection of applicants will follow a two-step evaluation (see scheme below).</p> <p><b>Step 1) Preselection for admission to the interview:</b> The Committee will evaluate:</p> <ol style="list-style-type: none"> <li>1) CV (European format) with indication of qualifications (e.g. awards, certificates of research experience and/or attendance of courses relevant to Earth Sciences) and all publications of the applicant.</li> <li>2) Publications by the applicant attached to the application. Publications will contribute for a maximum of 3 (three) points.</li> <li>3) Research project. In this phase the project will be evaluated for its coherence with the Doctorate in Earth Sciences and for its feasibility, in general and within the Earth Sciences Program. (Note: the project presented will not necessarily be accepted as the final thesis project for the applicant).</li> </ol>

	<b>Step 2) Interview:</b> The interview will focus on a discussion of the research project presented. Good knowledge of spoken and written English is required.																	
<b>INTERVIEW MODE</b>	<b>Remotely</b> (Videocall) The interview can be conducted in English language																	
<b>EVALUATION MARKS</b>	<table border="1"> <thead> <tr> <th>parameter</th> <th>minimum score</th> <th>maximum score</th> </tr> </thead> <tbody> <tr> <td>Curriculum vitae, qualifications, publications, Research Project redaction</td> <td>30/120</td> <td>40/120</td> </tr> <tr> <td colspan="3"><b>Applicants who obtain a mark of at least 30/120 in the evaluation of the above parameters will be admitted to the interview</b></td> </tr> <tr> <td>Interview: discussion of the research project to assess applicant's aptitude for research</td> <td>50/120</td> <td>80/120</td> </tr> <tr> <td colspan="3"><b>Eligibility is achieved with a minimum score of 80/120</b></td> </tr> </tbody> </table>	parameter	minimum score	maximum score	Curriculum vitae, qualifications, publications, Research Project redaction	30/120	40/120	<b>Applicants who obtain a mark of at least 30/120 in the evaluation of the above parameters will be admitted to the interview</b>			Interview: discussion of the research project to assess applicant's aptitude for research	50/120	80/120	<b>Eligibility is achieved with a minimum score of 80/120</b>				
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<b>EXAMINATION SCHEDULE</b>		
	<b>DATE</b>	<b>TIME</b>
<b>INTERVIEW</b>	July 16 <sup>th</sup> , 2024	09:00 a.m.
The list of candidates admitted to the interview and the final ranking will be published at the following web page: <a href="https://www.unifi.it/p12593">https://www.unifi.it/p12593</a>		