

PhD in	Environmental, geological and polar sciences and technologies
Coordinator	Simone Bastianoni <simone.bastianoni@unisi.it>
Department	Scienze fisiche, della Terra e dell'ambiente DSFTA
Open positions	9
of which:	

n.	Funding institution(s)	Research topic	
Positions with scholarship			
A.	1	University of Siena	No research topic restrictions
B.	1	Ateneo/SZN	Structural and mechanistic insight into the biomolecular corona formation of engineered nanomaterials and nanoparticles to unravel their impact on marine biodiversity
C.	1	University of Siena /Museo Antartide	Scientific and technological research in the polar regions
D.	1	University of Siena /DSFTA UniSI	Modern methodologies for slope stability analysis and monitoring
E.	1	University of Siena /DSFTA UniSI	Quantitative assessment of greenhouse gas emission liability
E ^{bis}	1	INGV	Three-dimensional geological reconstruction of the subsurface in urban environments
Positions with DM 351 scholarship			
F.	1	MUR/University of Siena	Digital and environmental transition (see art. 6, D.M. 351/2022)
Positions without scholarship			
G.	2	//	No research topic restrictions

Tipologia graduatoria	<ul style="list-style-type: none"> • Single ranking list for positions with and without scholarship and with no research topic restriction (positions A, G) • Stand-alone ranking lists for each position with scholarship with specific research topic (positions B-E^{bis}) • Stand-alone ranking list for position with DM 352 scholarship (position F)
Documenti richiesti ai fini della valutazione (da allegare alla domanda online)	<ul style="list-style-type: none"> • Curriculum vitae et studiorum, containing a statement of the access title held with the issuing institution in addition to a list of any publications • Research project (3 pages max., see scheme on the PhD web site) • Thesis abstract of <i>Laurea Magistrale/Specialistica/vecchio ordinamento</i> or equivalent foreign degree translated into Italian, English or French (max. 2 pages) • English language certification, level B2, if available (optional) <p>Eligibility of foreign degrees (to be translated into Italian, English or French) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p><u>Candidates who achieved (or will achieve by 31 October 2022) the diploma di laurea at an Italian university</u> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ol style="list-style-type: none"> 1. University issuing the title 2. type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>; 3. degree course name 4. list of examinations with votes 5. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022). <p><u>Candidates who achieved (or will achieve by 31 October 2022) their degree at a foreign university</u> (with a duration of at least four years) must specify in their curriculum:</p> <ol style="list-style-type: none"> 1. University issuing the title 2. type of degree (min. duration four years) – <i>Bachelor's degree/ Master's degree</i>

	<p>3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</p> <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> • transcript – certification of the title with the list of exams and votes – with a translation in Italian or English • Diploma supplement (if available).
Web site for further information	https://www.dsfta.unisi.it/it/didattica/post-laurea/dottorati/dottorato-scienze-e-tecnologie-ambientali-geologiche-e-polari
Selection modalities	Evaluation of qualifications and research project (in inglese) Interview (including English language test)
Admission requirements	All masters' degrees (<i>lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento</i>)
Exam procedures	<p>The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.</p> <p>Evaluation of qualifications and research project. Candidates are not allowed to be present during the evaluation. Score for qualifications: minimum 10/maximum 20 Score for research project: minimum 10/ maximum 20 Il punteggio minimo per accedere al colloquio è 20.</p> <p>Interview. The interview will focus on the research project presented and the activities the candidate intends to carry out during the three-year course. English language ability will also be ascertained. Minimum score 40/maximum score 60</p> <p>The results of each test will be published on the doctoral website.</p>
Dates of evaluation and exam(s)	Evaluation of qualifications and research project: 5 September 2022 Interview: 8 September 2022 , 10:00 hrs (beginning), Complesso didattico Pian dei Mantellini
Selection committee	The composition of the committee will be published after the deadline for application.