PhD PROGRAMME IN GEOSCIENCES AND ENVIRONMENT
ACADEMIC YEAR 2026/2027 (42ND CYCLE)

Coordinator professor *Marco Pistolesi*

Administrative headquarters: Department of Earth Sciences
(https://www.dst.unipi.it/en/)

SELECTION PROCEDURES

Total no. of positions with grant 8

<table>
<tr><td>GEO01_B</td><td>Type of selection procedure
Single ranking list</td></tr>
<tr><td></td><td>No. of available positions with grant 2
of which
<table><tr><th>No.</th><th>Funding organisation / Partner institution</th><th>Subject / Research project (if any)</th></tr><tr><td colspan="3">Positions with grant</td></tr><tr><td>2</td><td>University of Pisa</td><td></td></tr></table>For further information regarding the research topic, candidates are invited to contact: Prof. Marco Pistolesi marco.pistolesi@unipi.it
Further information at the link: https://www.dst.unipi.it/bandi-concorso-geoscienze.html</td></tr>
<tr><td>GEO02_B</td><td>Type of selection procedure
Single ranking list for research project</td></tr>
<tr><td></td><td>No. of available positions with grant 1
of which
<table><tr><th>No.</th><th>Funding organisation / Partner institution</th><th>Subject / Research project (if any)</th></tr><tr><td colspan="3">Positions with grant</td></tr><tr><td>1</td><td>University of Pisa
Department of Earth Sciences of the University of Pisa</td><td>Integrating Artificial Intelligence with Seismic Full Waveform Inversion (FWI) for Advanced Subsurface Characterization</td></tr></table>For further information regarding the research topic, candidates are invited to contact: Prof. Eusebio Stucchi eusebio.stucchi@unipi.it
Further information at the link: https://www.dst.unipi.it/bandi-concorso-geoscienze.html</td></tr>
<tr><td>GEO03_B</td><td>Type of selection procedure
Single ranking list for research project</td></tr>
</table>

<table>
<tr><td></td><td>No. of available positions with grant 1
of which

<table>
<tr><th>No.</th><th>Funding organisation / Partner institution</th><th>Subject / Research project (if any)</th></tr>
<tr><td colspan="3">Positions with grant</td></tr>
<tr><td>1</td><td>Department of Earth Sciences of the University of Pisa – ERC Advanced “FARIA_UE_2026_Forecasting and understanding the seismic cycle through b-value”</td><td>AI based characterization of off-shore seismic sequences</td></tr>
</table>
For further information regarding the research topic, candidates are invited to contact: Prof.ssa Laura Gulia laura.gulia@unipi.it
Further information at the link: https://www.dst.unipi.it/bandi-concorso-geoscienze.html</td></tr>
<tr><td>GEO04_B</td><td>Type of selection procedure
Single ranking list for research project</td></tr>
<tr><td></td><td>No. of available positions with grant 1
of which

<table>
<tr><th>No.</th><th>Funding organisation / Partner institution</th><th>Subject / Research project (if any)</th></tr>
<tr><td colspan="3">Positions with grant</td></tr>
<tr><td>1</td><td>Department of Earth Sciences of the University of Pisa – ERC Advanced “FARIA_UE_2026_Forecasting and understanding the seIsmic cycle through b-value”</td><td>Models and simulated earthquake catalogues to study the effect of earthquake-earthquake interaction</td></tr>
<tr><td></td><td></td><td></td></tr>
</table>
For further information regarding the research topic, candidates are invited to contact: Prof.ssa Laura Gulia laura.gulia@unipi.it
Further information at the link: https://www.dst.unipi.it/bandi-concorso-geoscienze.html</td></tr>
<tr><td>GEO05_B</td><td>Type of selection procedure
Single ranking list for research project</td></tr>
<tr><td></td><td>No. of available positions with grant 1
of which

<table>
<tr><th>No.</th><th>Funding organisation / Partner institution</th><th>Subject / Research project (if any)</th></tr>
<tr><td colspan="3">Positions with grant</td></tr>
<tr><td>1</td><td>IDS GeoRadar S.r.l.</td><td>Integrated multisensory monitoring for slope stability assessment</td></tr>
<tr><td></td><td></td><td></td></tr>
</table>
For further information regarding the research topic, candidates are invited to contact: Prof. Adriano Ribolini adriano.ribolini@unipi.it
Further information at the link: https://www.dst.unipi.it/bandi-concorso-geoscienze.html</td></tr>
<tr><td>GEO06_B</td><td>Type of selection procedure
Single ranking list for research project</td></tr>
<tr><td></td><td>No. of available positions with grant 1
of which

<table>
<tr><th>No.</th><th>Funding organisation / Partner institution</th><th>Subject / Research project (if any)</th></tr>
<tr><td colspan="3">Positions with grant</td></tr>
<tr><td>1</td><td>Institute of Geosciences and Earth Resources - IGG CNR</td><td>Advancing Digital Infrastructures for Earth Sciences: Harmonization, Interoperability, and Subsurface Data Representation for Georesource Characterization</td></tr>
</table>
</td></tr>
</table>

	For further information regarding the research topic, candidates are invited to contact: Prof. Eugenio Trumpy eugenio.trumpy@unipi.it Further information at the link: https://www.dst.unipi.it/bandi-concorso-geoscienze.html		
GEO07_B	**Type of selection procedure** Single ranking list for research project		
	No. of available positions with grant 1 of which		
	No.	**Funding organisation / Partner institution**	**Subject / Research project** (if any)
	Positions with grant		
	1	Department of Earth Sciences of the University of Pisa	Integrated Study of Groundwater Resources and Social Dynamics in the Senegal–Mauritanian Transboundary Basin
	For further information regarding the research topic, candidates are invited to contact: Prof.ssa Viviana Re viviana.re@unipi.it Further information at the link: https://www.dst.unipi.it/bandi-concorso-geoscienze.html		

The information below applies to all the selection procedures indicated above

ADMISSION REQUIREMENTS *(Article 3 of the Call for applications)*

Master's Degree (LM) /Second Degree (Specialistica-LS) (or Old system University Degree): **ALL**
or
equivalent academic qualification in accordance with *Ministerial Decree of 9 July 2009* **to be obtained by 31 October 2026. In the event that the degree has not yet been awarded by the deadline of the Call for applications, the candidate must attach a list of the examinations taken, including the corresponding marks.**

Important: In this regard, during the online application procedure for the selection, the candidate must attach a self-declaration concerning the degree already obtained, or to be obtained, drawn up in accordance with Presidential Decree no. 445/2000, as per Annex 2 to the Call for applications.

SELECTION METHODS AND CRITERIA *(Article 4 of the Call for applications)*

Curriculum vitae
The CV, duly signed and accompanied by a photocopy of a valid identity document, must be uploaded exclusively during the online application procedure for the selection, and must outline the candidate's educational background, as well as their professional and research experience. **Candidates are advised to submit any documentation deemed useful for the purposes of assessing the CV**. The CV must be integrated by the Bachelor thesis and, if already available, by the Master thesis (or equivalent)

Interview
The interview shall assess the candidate's knowledge, aptitude for research, willingness to undertake training pathways in Italy and abroad, and interest in further scientific study.
Videoconferencing YES
Candidates wishing to take the interview by videoconference must upload the VIDEO Annex to the Call for applications **exclusively during the online application procedure for the selection**. Requests received after the deadline of the Call for applications (**10 August 2026**) shall be submitted to the Selection Committee, which will assess whether to accept them in light of the technical time required to organise the interview by videoconference.

Research Project:
to be assessed together with the CV and to be presented at the interview.
The research project must be uploaded **during the online application procedure for registration.**
The research project, assessed together with the CV, is intended to highlight the candidate's ability to design a research proposal and to verify the consistency of its content with the PhD programme themes.

The research project, which will be discussed during the interview, must be presented by the candidate in order to demonstrate its feasibility and sustainability.
The research project must be written in 20,000 characters (including spaces and bibliography).

	Minimum score	**Maximum score**
CV	24	40
Candidates who have obtained a score of at least 24 out of 40 points shall be admitted to the interview.		
Interview	36	60
Eligibility is achieved with a minimum score of 60 out of 100 points		

SCHEDULE OF THE TESTS

The tests may take place in the period **between 14 and 30 September 2026.**
The schedule of the tests, for each of the selections below, will be published **by 24 July 2026** at https://www.unipi.it/bando-dottorato, including the indication of the venue where they will be held.

RANKING LIST AND ENROLMENT

Article 5 of the Call for applications sets out:
- the procedures for drawing up the ranking list
- the date of publication of the ranking list
- the procedures and deadlines for enrolment
- the procedures and deadlines for subsequent admissions from the ranking list.

Important: Subsequent admissions from the ranking lists, after 6 October and until 31 December 2026, are permitted only for "open" grants (i.e. those without a specific research topic), namely: GEO01_B.
In the other selection procedures, as they involve subject-based grants, any unassigned positions at the end of the third round of admissions from the ranking list will be made available by means of a specific notice, to be issued by Rector's Decree in November. Such notice will be reserved for eligible candidates suitably placed in the ranking lists of the selection procedures already completed and will be published at https://www.unipi.it/didattica/corsi/dottorati/.
With regard to the publication of the notice and the procedures for the reallocation of the grants, **no individual email communication will be sent to eligible candidates**, as all relevant information will be provided upon publication of the ranking lists.

INFORMATION ON THE TEACHING ACTIVITIES OF THE PROGRAMME

Educational project and objectives of the programme:
https://www.unipi.it/en/education/courses/phd-programmes/physical-chemical-mathematical-and-biological-sciences/geosciences-and-environment/

PhD programme website:
https://www.dst.unipi.it/geoscienze-e-ambiente.html

PhD programme regulations:
to be issued.