

D.D.G. rep. n. 3212/2025, prot. n. 147696 del 29/07/2025
così come modificato con
D.D.G. rep. n. 3263/2025, prot. n. 152325 del 01/08/2025

SELECTION ANNOUNCEMENT NO. 2025S40

BY QUALIFICATIONS AND EXAMINATIONS, TO RECRUIT NO. 1 LEVEL I RESEARCH TECHNOLOGIST (FINANCIAL POSITION EQUIVALENT TO THE EP1 LEVEL) ON A FULL-TIME, FIXED-TERM CONTRACT, FOR NO. 36 MONTHS, PURSUANT TO ART. 24-BIS OF LAW NO. 240 OF 30.12.2010, AND TO THE NATIONAL COLLECTIVE BARGAINING AGREEMENT OF 19.04.2018, AT THE DEPARTMENT OF LAND, ENVIRONMENT, AGRICULTURE AND FORESTRY.

By implementing Art. 24-*bis* of Law no. 240 of 30.12.2010 and the National Collective Bargaining Agreement of 19.04.2018, the University of Padua plans to recruit Level I Research Technologist (financial position equivalent to the EP1 level), by examinations, on a full-time fixed-term contract, for no. 24 months, at the Department of Land, Environment, Agriculture and Forestry.

In particular, the Technologist will be called to carry out **activities** that will take place at the Rovigo office of the Center for Climate Change Impact Studies – CRITICAL, and will be aimed at supporting research and project development needed to translate climate projections into concrete and usable terms for planning and designing territorial interventions. These efforts are directed toward disaster prevention and residual risk mitigation, serving as an interface between the Center's activities and all internal and external entities, including public and private organizations interested in research activities and the technical services developed.

In particular, the Technologist will be responsible for the following activities:

- research support: support for the Center's research activities, particularly in the archiving, management, and technical analysis of data;
- collaboration for funding opportunities: collaboration with faculty and researchers in identifying funding opportunities, with a particular focus on the development of Climate Services, and in drafting competitive project proposals at the regional, national, and international levels;
- enhancement of project proposals: support in improving the quality of project proposals, with specific attention to cross-cutting issues such as gender balance, public engagement, sustainability, and impact;
- management of IT infrastructure: setup and management of IT infrastructure to support the Center's activities, including through the integration of High Performance Computing (HPC), Cloud, and Big Data technologies;
- internal coordination: collaboration with the Research and Third Mission Office of the relevant Department regarding obligations related to ongoing research projects, activity monitoring, reporting, and the preparation of technical reports;
- international missions: participation in missions abroad, both within and outside Europe, to meet with the Center's partners;
- collaboration with internal and external users: acting as an interface between the Center's activities and public or private entities interested in the research and technical services developed.

The aforementioned activities require the following **professional skills, knowledge and competences**:

- knowledge of project management tools, including through experience, in the context of research projects funded by international and national sources (including identification of funding opportunities in the Center's areas of interest, drafting of project proposals, and best practices in the management of funded projects);

- familiarity with major European and national research funding programs, particularly at the European level (including, but not limited to: Horizon Europe, MSCA, Interreg, Life, Cost Action, Erasmus+);
- knowledge of the general principles of university legislation, with reference to the Gelmini Law (Law No. 240 of 30/12/2010);
- knowledge of the main regulations of the University of Padua related to research, in particular:
 - Regulation for activities carried out by the University of Padua under contracts or agreements with public or private entities;
 - Code of Research Integrity;
- advanced knowledge of programming and data analysis tools (including but not limited to: Python, MATLAB, R, CDO), and of major GIS packages;
- climate services: concepts, applications, and end users; definition and objectives of climate services according to the WMO and the EU; the role of climate services in supporting decision-making in sectors such as agriculture, water resource management, health, energy, and civil protection; co-production of climate information with stakeholders;
- climate indicators and scenarios: construction and use of climate indicators (e.g., heatwaves, extreme precipitation indices, agro-climatic indices); future climate scenarios: representation of emissions (RCP, SSP), uncertainties and limitations; statistical and dynamical downscaling: differences and applications; climate data analysis and processing; sources of climate data (observations, reanalysis, models); statistical techniques for trend and variability analysis; statistical methods for extreme event analysis in climate scenarios;
- english language proficiency at B2 level;
- ability to independently organize one's own work, while meeting established deadlines;
- problem-solving skills.

Admission requirements

Candidates must have the following requirements by the selection announcement deadline:

- **academic qualification:**¹

a second-cycle degree (*Laurea magistrale ex D.M. 270/2004*);

or a second-cycle degree (*Laurea specialistica ex D.M. 509/1999*) recognised as equivalent by Interministerial Decree 09.07.2009 in class;

or a degree (*Diploma di Laurea ante D.M. 509/1999*) recognised as equivalent by Interministerial Decree D.I. 09.07.2009.

It is specified that:

Candidates **holding a foreign degree** may take part in the selection under the following conditions:

- if they hold a **declaration of equivalence issued by an Italian University**;
- if they do not have any equivalence, the candidates are provisionally admitted to the selection, pursuant to Art. 38, paragraph 3 of Legislative Decree DL 165/2001. In this case, candidates shall declare, while submitting their application, that they hold a foreign degree officially recognised by the country in which they obtained the title, and, at the same time, should they pass the selection exams, they shall start the **equivalency process** by sending the request of equivalence to the Italian Ministry for Universities and Research (MUR) within 15 days from the publication of the final ranking.

The degree-equivalency application form is available at the following link:

¹ Articolo riportato così come modificato da D.D.G. rep. n. del 3263/2025, prot. n. 152325 del 01/08/2025.

<https://www.funzionepubblica.gov.it/it/il-dipartimento/documentazione/moduli-equivalenza-titoli-di-studio/>

- **specific professional qualification** related to the type of activities the candidate will carry out:
professional experience of at least 1 year in the management, processing, and analysis of large climate datasets, with a focus on both observational and model-based data at regional and global scales. Activities should include the handling of complex time series, the use of advanced tools for statistical and spatial data processing, and the integration of multiple data sources to support environmental and climate research;
and/or professional experience of at least 1 year in the active participation and/or preparation of project proposals submitted in response to competitive calls for research funding at the regional, national, and European levels. These activities were carried out within public research institutions or private companies operating in the fields of spatial planning, environmental sustainability, and climate risk management, contributing to the development of partnerships, technical drafting of proposals, and definition of scientific objectives;
- italian citizenship (Italians who are not citizens of the Republic of Italy have the same rights as Italian nationals), or citizenship of an EU Member State. Following the implementation of Art. 7 of Law 97/2013, family members of citizens of an EU Member State who do not have citizenship of an EU Member State, but do have the right of residence, or the permanent right of residence; and third-country nationals with a long-term EU permit of stay, with refugee status, or with subsidiary protection status, may also apply for the selection procedure;
- full political rights;
- physically suitable for the specific position.

Non-Italian nationals are required to:

- 1) have full civil and political rights in their country of origin;
- 2) fulfil the same requirements as Italian nationals, with the exception of the possession of Italian citizenship;
- 3) have a good knowledge of Italian language.

Those who have been excluded from the exercise of active electoral rights, as well as those who have been dismissed or excluded from employment with a public administration due to persistent inadequate performance, pursuant to Article 2, paragraph 7 of D.P.R. (Presidential Decree) no. 487/1994, in accordance with sectoral regulations, or removed for the same reasons or for disciplinary reasons pursuant to legal or contractual regulations in force, or declared disqualified for having obtained the appointment or employment by producing false documents or documents affected by irremediable nullity, as well as those who have been convicted of offences constituting an impediment to employment in a public administration, are not eligible for selection.

Application form

The application form and appendices for this selection announcement **must be submitted online** with the Pica platform at: <https://pica.cineca.it/unipd/tipologia/pta>.

To apply online, candidates must have a valid email address so that they can register with the system. They must also provide all of the information needed to complete the application and attach the required documents in electronic form.

The system allows the application to be saved in draft form until the submission deadline. The online application procedure and submission must be completed by **2 pm of the 15th day, when the selection announcement closes.**

The system will certify the date that the online application form is submitted by emailing candidates an automatic receipt. Once the submission deadline has expired, the system will shut down access and applications can no longer be sent.

If necessary, a submitted application form can be withdrawn and another one submitted **before the application deadline (2:00 p.m. of the fifteenth day)**.

Each application will be given an identification number which must be included in any correspondence, along with the selection announcement code stated in the online procedure. Candidates must complete each and every part of the application form in accordance with the online instructions. In case of access through SPID, no signature will be required when submitting the application. In case of accessing the system by another mode, the application is to be completed as follows:

- with a digital signature using a smart card, USB token or remote signature that enables the user to sign documents with signature software. Alternatively, a web portal may be used to provide a certified remote signature. Candidates with a smart card or USB token for digital signing can check for compatibility with the server's digital-signing system. If compatible, the user may sign the application on the server;
- candidates who do not have compatible digital-signing devices and users of remote digital signatures without web portal access for signing documents will have to save a system-generated pdf file on their computer. After which, they must not edit the file and e-sign it in CAdES format. A file with a p7m extension will be generated and uploaded into the system. If the file is edited before the e-signature is applied, the system will be unable to verify whether the content of this document matches the original. If this occurs, the application will be rejected;
- If none of the aforementioned options are available:
print and hand-sign the application form, then upload **a scanned copy along with a scanned form of identification. Candidates not providing identification may be excluded from the selection procedure.**

The system may be momentarily offline for technical reasons.

Non-Italian candidates are to submit their application form as per the methods and deadlines stated in this application procedure.

Documents must be in a static, non-editable format and must not contain executable codes or macro-instructions. PDF is the preferred format. Documents must not exceed 30 MB.

The University of Padua is not liable for undelivered correspondence should candidates not provide a complete address, or when late or no notification is provided should the address on the application form change. Nor is it liable for problems caused by third parties, misfortune or force majeure.

For additional information or queries about the application procedure, please contact the Technical and Administrative Personnel office on +39 049 827 3159 - 3494 between 9 am and 1 pm.

For technical problems only, contact the following link at home page PICA CINECA [supporto](#).

Candidates must state under their own responsibility their surname and first name, their date and place of birth, their permanent address, any telephone number, any criminal convictions and pending criminal procedures, that they enjoy full political rights, a detailed statement they meet the aforementioned requirements, and the exact contact address for any correspondence.

Candidates with no Italian citizenship must declare to have an adequate knowledge of the Italian language. Pursuant to Article 16 of Legge (Law) no. 68/1999 and Article 20 of Legge (Law) no. 104/1992, applicants must make an explicit request concerning the assistance they require and the possible need for additional time to complete the tests. To this end, candidates must enclose with their application to participate in the selection

procedure a suitable certification issued by the appropriate Public Medical Board, to enable the Administration to prepare in good time the means and tools needed to ensure regular participation in the selection procedure.

Pursuant to Legge (Law) no. 170/2010, as amended and supplemented, candidates with specific learning disorders (SLD) may ask the Committee to have the written test replaced by an interview, or to make use of any technical aids to compensate for reading, writing and calculation difficulties, in order to take the aforementioned tests, as well as to make use of additional time not exceeding 50% of the time allocated for the test.

The request must be prepared following the instructions available in the online application procedure.

The adoption of the above measures will be determined at the sole discretion of the Selection Committee, based on the documentation provided by the candidate in the application.

Candidates are admitted to the selection procedure conditionally. Should any of the requirements not be met, candidates may be excluded from the selection procedure at any moment, even after they have taken the tests.

Selection

Candidates are selected by qualifications and examinations.

A total of 90 points are awarded for qualifications and examinations. They are divided as follows:

- 30 points for qualifications;
- 60 points for examinations, they are divided as follows:
 - 30 points for the written test;
 - 30 points for the oral examination.

Qualifications

The following qualifications, will be evaluated (max 30 points):

Master's degree (Laurea Magistrale) pursuant to Ministerial Decree No. 270/2004 or an equivalent qualification in a field relevant to the advertised position (for example, but not limited to: Agricultural and Forestry Sciences, Environmental Sciences, Physics, Civil Engineering, Environmental Engineering, Meteorology, Climatology, Earth Sciences)	max 10 points
PhD in a discipline relevant to the advertised position	max 10 points
documented professional experience carried out at research institutions, meteorological agencies, universities, or international organizations in the field of climate services	max 10 points

EU candidates must provide all of the statuses, information and qualities that they deem useful for the assessment of their qualifications in a statutory declaration, as per Art. 46 and 47 of Presidential Decree DPR no. 445/2000. Non-EU candidates are not allowed to use a statutory declaration, as per Art. 3 of Presidential Decree DPR no. 445/2000.

Certificates issued by the European Union or Italy's Public Administration must not be submitted.

The application must include the following significant elements:

- the exact name of the awarding body (public or private);
- the period (from dd/mm/yy to dd/mm/yy);
- the type of contract and any category it falls under, the functions carried out and the position held.

The evaluation of the qualifications will be carried out before the written test papers have been corrected. The score of evaluation of qualifications will be published on the noticeboard of the Department of Land, Environment, Agriculture and Forestry, Viale Dell'Università, n. 16, Legnaro (PD) website at <https://www.unipd.it/selezione-2025S40>.

Examinations

Examinations will comprise a written test and an oral examination.

- **The written test** will consist on the drafting of a project proposal aligned with the typical requirements of European Union funding programmes (e.g. Horizon Europe). The objective is to assess the candidate's ability in analysis, project design, technical writing, and knowledge of EU strategic priorities in the fields of climate and sustainability.

Specifically, the test will focus on one of the following topics:

- climate services for resilient agriculture;
- management of extreme hydrological events;
- agriculture and drought.

- **The oral examination** may focus on the following topics:
 - project management tools in the context of research projects funded by international and national sources (including the identification of funding opportunities in the Center's areas of interest, drafting of project proposals, and best practices in the management of funded projects);
 - major European and national programs for research project funding, particularly at the European level (including but not limited to: Horizon Europe, MSCA, Interreg, Life, Cost Action, Erasmus+);
 - climate services: concepts, applications, and end users; definition and objectives of climate services according to the WMO and the EU; the role of climate services in supporting decision-making in various sectors (agriculture, water resource management, health, energy, civil protection, etc.); co-production of climate information with stakeholders;
 - climate indicators and scenarios: construction and use of climate indicators (e.g., heatwaves, extreme precipitation indices, agro-climatic indices); future climate scenarios: emissions representation (RCP, SSP), uncertainties and limitations; statistical and dynamical downscaling: differences and applications; analysis and processing of climate data; sources of climate data (observations, reanalysis, models); statistical techniques for analyzing trends and climate variability; statistical methods for extreme event analysis in climate scenarios;
 - software and programming languages for data analysis (Python, MATLAB, R, CDO, GIS);
 - general principles of university legislation, with reference to the Gelmini Law (Law No. 240 of 30/12/2010);
 - main research-related regulations of the University of Padua, in particular: the Regulation for activities carried out by the University of Padua under contracts or agreements with public or private entities, and the Code of Research Integrity.

Verification of English language proficiency (reference level B2).

The examinations pass mark is 21/30 (equivalent to 7/10).

Examinations will take place with the following schedule (no further notice will be given):

- **written test:** on 17th October 2025, at 10:00 a.m., at the “Aula informatica Bonsembiante” of the Department of Land, Environment, Agriculture and Forestry, 1^a stecca, 2° piano, Viale dell’Università, no. 16 – Legnaro (PD);
- **oral examination:** on 24th October 2025, at 10:00 a.m. at the “Sala Consigliare” of the Department of Land, Environment, Agriculture and Forestry, 1^a stecca, 3° piano, Viale dell’Università, no. 16 – Legnaro (PD).

Publication of this calendar is to be considered as an official notification.

Candidates who are unable to comply with the aforementioned schedule due to pregnancy or breastfeeding will be entitled to participate in the examinations, also by holding asynchronous tests and, in any case, appropriate spaces will be made available to allow for breastfeeding.

Wherever possible, the candidates concerned will promptly notify the Director of the Student Services Office, so that the Administration can plan in good time how and when to ensure regular participation in the examinations.

Approved candidates must come on the date and at the time communicated. No further notice will be given.

Candidates must show a valid ID document before being admitted to the examinations.

Any candidates not coming to the examinations will be deemed to have waived their place, regardless of the reason.

The list of candidates admitted to oral examinations will be published with their scores for the written test on the noticeboard of the Department of Land, Environment, Agriculture and Forestry, Viale Dell’Università, n. 16, Legnaro (PD) and posted on the University of Padova website at <https://www.unipd.it/selezione-2025S40>.

All Commission sessions during the oral examination are public. At the end of each daily examination session, the Commission will draw up a list of the candidates assessed with a score for those who have passed the examination. This list will be posted on the noticeboard of the Department of Land, Environment, Agriculture and Forestry, Viale Dell’Università, n. 16, Legnaro (PD) and posted on the University of Padova website at <https://www.unipd.it/selezione-2025S40>.

Candidates can access the list with a personal password provided to all selection participants.

Overall ranking

The final score is calculated by adding up the marks obtained for the evaluation of the qualifications, the practical test and the oral examination.

The categories of citizens who have a preference, merit being equal, are:

- a) recipients of military and civil valour medals, if they have left the service;
- b) amputees and invalids for service in the public and private sectors;
- c) orphans of the fallen and children of the mutilated, disabled and permanently incapacitated for work due to service in the public and private sectors, including the children of health professionals, social workers and socio-medical workers who died as a result of the Cov-2 Sars infection contracted when exercising their activity;
- d) those who have performed meritorious service in any capacity whatsoever for not less than one year in the administration holding the competition, where they have no other preferential qualification by reason of their service;

- e) higher number of dependent children;
- f) invalids and civilian amputees who do not fall under (b);
- g) military volunteers of the Armed Forces who were not dishonourably discharged at the end of the regular or extended period of military service
- h) athletes who have sporting employment relationships with military sports groups and the civil corps of the State;
- i) people who have successfully completed the further improvement period at the process office pursuant to Article 50, paragraph 1-quater, of decreto-legge (Decree-Law) no. 90 of 24 June 2014, converted, with amendments, by legge (Law) no. 114 of 11 August 2014;
- j) people who have successfully completed the traineeship at the judicial offices pursuant to Article 37, paragraph 11, of decreto-legge (Decree-Law) no. 98 of 6 July 2011, converted, with amendments, by legge (Law) no. 111 of 15 July 2011, while not being part of the process office, pursuant to Article 50, paragraph 1-quinques, of decreto-legge (Decree-Law) no. 90 of 24 June 2014, converted, with amendments, by legge (Law) no. 114 of 11 August 2014;
- k) people who have successfully completed the internship at judicial offices pursuant to Article 73, paragraph 14, of decreto-legge (Decree-Law) no. 69 of 21 June 2013, converted, with amendments, by legge (Law) no. 98 of 9 August 2013;
- l) people who hold or have held collaboration assignments given by ANPAL Servizi S.p.A., in implementation of the provisions of Article 12, paragraph 3, of decreto-legge (Decree-Law) no. 4 of 28 January 2019, converted, with amendments, by legge (Law) no. 26 of 28 March 2019;
- m) younger age.

Pursuant to Article 3, paragraph 4, of DPR (Presidential Decree) no. 487/1994, as amended by DPR (Presidential Decree) no. 82/2023, which states that notices of competition shall take into account the gender representativeness referred to in Article 6, as at 31.12.2022, the percentage of representativeness of the male gender is 45.2%, while that of the female gender is 54.8%, and therefore the gender differential is 9.6%, (lower than 30%).

The overall ranking will be published in the University of Padova Official Register. Any appeals may be filed the day after the ranking is published.

The overall ranking is effective immediately.

The winner is entitled to the gross annual salary for the EP category, financial position EP1, as per the University section of the current National Collective Bargaining Agreement (C.C.N.L. *Comparto "Istruzione e Ricerca"*), as well as to an additional quota as specified in the "University Regulations for Recruiting and Regulating 'Fixed-term Research Technologists', in accordance with Art. 24-*bis* of Law no. 240 of 30 December 2010." The salary will be paid into a bank or post-office account only.

The administration may decide not to draw up the agreement should there cease to be the need, opportunity or resources to proceed.

The ranking is valid for three years from its publication date and may be used to recruit additional fixed-term technologists with the same profile and level. All other aspects of employment will depend on the University's specific needs.

Anything not stated above is covered by the “University Regulations for Recruiting and Regulating ‘Fixed-term Research Technologists’, in accordance with Art. 24-*bis* of Law no. 240 of 30 December 2010”, available at: <http://www.unipd.it> (see “*Statuto e Regolamenti*”).

Pursuant to Law no. 241 of 7th August 1990, the selection-procedure manager is Cristian Poletti - *Ufficio personale tecnico amministrativo*, Riviera Tito Livio, 6, Padua, Italy.

The Technical-Administrative Staff office (*Ufficio personale tecnico amministrativo*) is open to the public at the following times:

- from Monday to Friday from 10:00 a.m. to 1:00 p.m.
- in addition, on Tuesday and Thursday from 3:00 p.m. to 4.30 p.m. as well

Office tel. 049 827 3159 – 3155

Office e-mail: reclutamento.pta@unipd.it

NB: This selection announcement has been translated into English for publication purposes only. The Italian version is valid for all legal purposes and for the resolution of any disputes.

The Director-General
Alberto Scuttari
digital signature (ex Legislative Decree 82/2005)

Il Responsabile del procedimento amministrativo	Il Dirigente dell'Area
Dott. Cristian Poletti	Dott. Tommaso Meacci