

**CALL 339/2023-AR**

**PUBLIC SELECTION, BY QUALIFICATIONS AND INTERVIEW, TO AWARD N. 1 RESEARCH FELLOWSHIP “PROFESSIONALISING” – CATEGORY A – LEVEL 1, TO CONDUCT RESEARCH ACTIVITY IN ACCORDANCE WITHIN THE RESEARCH PROGRAM: “WEB SERVICES FOR FLOOD EARLY WARNING IN THE SAHEL (ACRONYM SLAPIS)” AT THE INTERUNIVERSITY DEPARTMENT OF REGIONAL AND URBAN STUDIES AND PLANNING**

**GENERAL MANAGER**

**DECREES**

**Art. 1**

**Selection procedure**

The Politecnico di Torino intends to assign the following public selection to conduct research activity:

<b>Call</b>	339/2023-AR
<b>Selection procedure</b>	qualifications and interview
<b>Positions</b>	1
<b>Type</b>	research fellowship “professionalising” category A – Level 1
<b>Research Programme</b>	Web services for flood early warning in the Sahel (acronym SLAPIS)
<b>Research fields</b>	Engineering; Architecture; Environmental science
<b>Academic Disciplines</b>	ICAR/01 - IDRAULICA; ICAR/06 - TOPOGRAFIA E CARTOGRAFIA; ICAR/20 - TECNICA E PIANIFICAZIONE URBANISTICA; BIO/07 - ECOLOGIA
<b>Department</b>	Interuniversity Department of Regional and Urban Studies and Planning
<b>Research fellowship duration</b>	1 year
<b>Research fellowship gross amount</b>	Euro 19.367,00 gross/per year
<b>Content and finality of the research program</b>	The Research Program concerns the organization of the database and innovative web service of the three years project "Local Early Flood Warning System in the Sahel" led by DIST and funded by the AICS. The database contains hourly flow and water level data as measured by hydrometers placed in the Gorouol, Dargol, and Sirba right bank tributaries of the middle Niger River; rainfall as predicted and as recorded; estimated flood limits for each return time in the main riparian locations; and potential damages for each flood scenario. The web service consists of informing via smartphone and e-mail the expected level of flooding and the damage that could be generated in riparian localities. The service is aimed at ministries of civil defense and hydraulics, national weather agencies, regions, and municipalities affected by potential flooding. The purpose is to provide information useful for issuing early flood warnings to all localities.
<b>Required performances</b>	Processing of meteorological and hydrological data, creation of thematic cartography in a GIS environment, population of Findable, Accessible, Interoperable, Reusable (FAIR) databases. The activity must also be carried out at the headquarters of the Institute of Bio Economy of the National Research Council of Florence



(partner of the SLAPIS Sahel project)

Politecnico guarantees gender equality and equal opportunities in accessing job posts and in job treatment.

In line with the Sustainable Development Goals of the United Nations, with the European Charter for Researchers and with its Polito4Impact Strategic Plan, Politecnico di Torino strongly encourages the participation of female candidates and minorities (European Parliament Resolution of 13 November 2018 on minimum standards for minorities in the EU (2018/2036 (INI))).

## Art. 2 Admission and eligibility requirements

Those who can participate in the selection for the awarding of research fellowships are candidates in possession of the following degree:

- Diploma di laurea dell'ordinamento previsto dal D.M. 270/2004 nelle seguenti classi:  
LM-26 Ingegneria della sicurezza; LM-35 Ingegneria per l'ambiente e il territorio; LM-48 Pianificazione territoriale urbanistica e ambientale; LM-75 Scienze e tecnologie per l'ambiente e il territorio

or

- Diploma di laurea dell'ordinamento previsto dal D.M. 509/1999 nelle seguenti classi:  
38/S Ingegneria per l'ambiente e il territorio; 54/S Pianificazione territoriale urbanistica e ambientale; 82/S Scienze e tecnologie per l'ambiente e il territorio

or

- Laurea in Ingegneria per l'ambiente e il territorio ; Laurea in Pianificazione territoriale e urbanistica; Laurea in Scienze ambientali conseguita ai sensi degli ordinamenti didattici antecedenti il D.M. 509/1999

or

- equivalent university qualification from abroad.

Also, candidates who have obtained an academic qualification abroad equivalent to one of the academic qualifications required for admission to the selection procedure, or persons in possession of a scientific-professional curriculum appropriate for the research activities expected are admitted. The equivalence of the qualification, solely for the purpose of admission to the selection procedure shall be established by the Committee when examining the qualifications. The candidates shall, therefore, in the preliminary phase, be admitted provisionally.

The candidates who cannot be eligible to participate in the selection are:

- permanent staff from university, institutions and public research bodies, the National Agency for New Technology, Energy and Sustainable Economic Development (ENEA) and the Italian Space Agency (ASI), in addition to institutions whose scientific specialization diploma has been recognized as equivalent to a PhD pursuant to Article 74, paragraph 4, of Italian Decree 382/1980;
- those candidates who have carried out research activities pursuant to Article 22 of Law 240/2010 of total duration, including any renewals, of more than six years, excluding the period in which the fellowship was received in connection with a PhD, within the limit of the legal duration of the relative course;
- those candidates who have held fellowships and contracts as assistant professor (temporary term), in accordance with articles 22 and 24 of the Italian law 240/10 at Politecnico di Torino or at other Italian Universities (public or not, or online universities) or at institutions included in article 22, paragraph 1, of the Italian law 240/10, for a period of time which, summed to the period of time related to the contract concerned by this call, exceeds 12 years, (also not consecutive). Periods referring to maternity leaves or health leaves are not taken into consideration in the above-mentioned periods of time, according to the Italian law in force;



- those candidates who have a kinship or affinity degree, including the fourth degree, with a Professor belonging to the Department which decides to stipulate the contract or with the Rector, General Director or a member of the Board of Governors of the Politecnico di Torino.

Please note that, in order to be eligible in the selection, candidates must possess the above mentioned requirements within the submission deadline. Candidates who do not possess the above mentioned requirements are excluded from the selection procedures.

Foreign candidates are required to prove a knowledge of Italian or English.

### Art. 3 Application for the selection procedure

**The applications must be submitted by 15/01/2024, 15:00 (Italian time) by only using the online procedure available through the following website [careers.polito.it/](https://careers.polito.it/) otherwise candidates will be excluded from the selection.** The online procedure is available **starting from 12/12/2023** (publication of this call in the Albo on line).

#### **During the week from December 25th 2023 to January 7th 2024 the Politecnico di Torino will remain closed.**

The online procedure for applications submission will always remain active during the period indicated in the notice of competition: December 12th 2023 – January 15th 2024.

The participation application must be completed by sending the dichiarazione sostitutiva di atto di notorietà and the admission application created in “pdf” format and available on the online procedure, according to one of the following procedures:

- Through digital signature of the candidate, by using a specific software; in this specific case the application and the dichiarazione sostitutiva di atto di notorietà must be signed and uploaded to be sent electronically through the “.p7m” format available in the specific section of the online procedure, together with the format “.p7m” copy of a valid identity document;
- By printing the application and the dichiarazione sostitutiva di atto di notorietà. The signed documents must be scanned and converted in “pdf” format, uploaded and sent through the special section available through the online procedure together with the pdf copy of a valid identity document.

#### **The participation application** includes

- The admission application which has to be filled in all its parts, according to the details included in the online procedure, includes:
  - Complete personal data of the candidate;
  - The Department, the Academic Discipline, the Research Program, the number of the call in which the candidate intends to participate
  - The domicile post address and the e-mail address of the candidate.
- The Curriculum vitae provided in the form of dichiarazione sostitutiva di atto di notorietà:
  - qualifications relevant to the research program and the Academic Discipline; the certification of the qualification obtained abroad, must be uploaded and sent in “pdf” format;
  - overall profile of the candidate, relevant to the contents of the Research Program and the Academic Discipline, consisting of the list of overall scientific production and the titles relating to professional experience; the elements must be exhaustively documented (period of reference, body where the activity was carried out, description of the activity, etc.);
  - publications, which must be uploaded and sent in “pdf” format; candidates are allowed to submit a maximum number of 3 publications otherwise they will be excluded from the selection.
  - The € 10,00 payment invoice which must be uploaded and sent by the candidate through the special section accessible through the online procedure, otherwise he/she will be excluded from the selection. Candidates are required to pay and deposit a Euro 10,00 fee on the Politecnico bank account IBAN IT51N0200801160000002551101 – Agenzia Politecnico della



Banca UNICREDIT S.p.A. Via D'Ovidio, n. 6 - 10129 TORINO - intestato al Politecnico di Torino – Amministrazione Centrale, Corso Duca degli Abruzzi, n. 24 – 10129 TORINO - and to specify in the “causale” (reason for payment): “Fees for the participation in the selection procedure for Research fellowship - Call 339/2023-AR”.

### **Qualifications and Publications**

Candidates are not allowed to refer to documents, qualifications and publications already submitted to the Politecnico di Torino for other notices of competition or comparative overall evaluations.

Publications, documents and certifications in English, can be issued in the original language. Publications, documents and certifications issued in other languages must be submitted in the original language and translated into one of the following languages: Italian and English; the translation must be certified in compliance to the foreign text.

As far as certifications and dichiarazioni sostitutive di atto di notorietà, are concerned, please refer to the decree of the President of the Italian Republic n. 445/2000, with particular reference to articles 3, 40-47. If the degrees have been issued by Public Administration offices, please note that they can be only self-certified by the candidate, in accordance with the Italian law 183/2011 (Stability law), through dichiarazione sostitutiva di atto di notorietà available through the online procedure.

Our Institution may proceed with specific checks, even random sampling, on the veracity of the dichiarazioni sostitutive di notorietà.

For all publications it is necessary to specify, if available, the DOI code. If the candidate is author or co-author of a book or catalogue, these are considered as publications; if the candidate is author or co-author of single chapters of a book, each chapter is considered to be a publication.

If the publications have been produced/published abroad, date and place of publication, code ISBN or some other equivalent detail must clearly appear.

If the publications have been partly published Italy, such publications must meet the duties provided/in accordance with the article n.1 of the decree of August 31th 1945, n. 660 and the Italian law April 15th 2004, n. 106 on the basis of the rules D.P.R. May 3rd 2006, n. 252 published in the Gazzetta Ufficiale n. 191 of August 18th 2006. Such duties have to be met and certified by specific supporting documents which attest that the publications have been delivered or by the dichiarazione sostitutiva di atto di notorietà. Such documents must be submitted together with the publications.

The texts which have been accepted for publication must be accompanied by specific documents certifying that they can be published without further revisioning.

Internal documents or department reports are not considered as publications.

Cv, degrees, publications and any other document which will be submitted not through the above mentioned procedure, will not be considered.

### **Foreign candidates**

Foreign candidates must apply according to the procedure and the deadline included in this article. In the application the candidate must include, if available, also the mail address in Italy. Any variation or change must be promptly communicated to the Self-Employed and Assimilated Benefits Office by fax (011-090.5919) or certified e-mail to the address [politecnicoditorino@pec.polito.it](mailto:politecnicoditorino@pec.polito.it). Non-Eu foreign citizens, in order to submit documents and publications, must meet the following duties: -in accordance with article n. 3 of the Decree of the President of the Republic n. 445/2000 the Non-Eu foreign citizen with a regular residence permit for Italy can use the dichiarazioni sostitutive di certificazioni (art. 46 D.P.R. 445/2000) and di notorietà (art. 47 D.P.R. 445/2000), limited to the status, the personal qualities, to the elements and documents which can be certified by Italian public or private bodies, excluded special rules included in the laws and regulations concerning the Immigration and the Foreign individuals condition law. Excluded the above-mentioned cases, the non-Eu foreign citizens allowed to sojourn in Italy, can use the above-mentioned declarations/documents if they are related to international agreements between Italy and the country of origin of the candidate. The non-Eu foreign citizens who cannot use the above-mentioned declarations and documents, must provide to the Self-Employed and Assimilated Benefits Office the hard copies of the such papers before the day of the possible interview (if the interview is established by the call).

### **Change of domicile postal address or e-mail address after the submission of the application**

All the communications will be sent only through e-mail to the e-mail address included in the participation application. Therefore, any change of domicile postal address or e-mail address inserted in the application must be promptly communicated to Self-Employed and Assimilated Benefits Office by fax (011-090.5919) or certified e-mail to the following address [politecnicoditorino@pec.polito.it](mailto:politecnicoditorino@pec.polito.it). Politecnico does not take on any responsibilities for the spread of communications originated from a non-correct indication of the domicile address by the candidate or if the change of the e-mail address inserted in the application is communicated late or not communicated at all or for possible misunderstanding which have not to be ascribed to our Institution.

### **Exclusion from the selection procedure**

The exclusion from the selection procedure is issued by a reasoned decree which is notified to the candidate.

### **Withdrawal of the candidate: procedure**

If candidate intends to withdraw from the selection procedure, he/she must send the “pdf” format withdrawal form - generated by the online procedure – by using one of the procedures indicated in article 3 of this call.

## **Art. 4 Evaluation Committee**

The Committee will be composed according to the rules of article 6 “Commissione giudicatrice” of the “Regulation for the awarding of research fellowships to conduct research activity”.

The Selection Committees are appointed by decree and published in the Official Register (Albo Ufficiale) and on the following university website: [careers.polito.it/](http://careers.polito.it/)

The quality of member of the Judging Commission will not be affected by possible changes in the position covered in the University of origin occurred after the appointment.

### **Notification of incompatibilities and anomalies**

It is possible to address to the Rector notifications of incompatibilities and anomalies through the Self-Employed and Assimilated Benefits Office which will be evaluated by a specific Committee appointed by the Rector.

### **Committee: Closing phase**

The Committee must complete all the procedures within two months since the date of publication of the Appointment decree. The deadline of the end of the procedure can be postponed through a decree only once and not for more than one month, due to exceptional and proved reasons, indicated by the Chair of the Committee. If the closing phase of the procedure is not completed after the postponement, it will be started, through a justified provision, a procedure to substitute the members of the Committee to whom it is possible to ascribe the delay in the procedure. Then, a new deadline will be established for the end of the procedure.

## **Art. 5 Selection procedure**

The selection, aimed to the comparative assessment of candidates, will be done by the examination of qualifications and curriculum vitae submitted by the candidates and the interview by following the examination program below:

<b>Qualifications and publications topics</b>	Hydrology, hydraulics, meteorology, spatial data management and integration (GIS), Early warning systems, hydro-climatic risk management.
<b>Interview topics</b>	GIS. Spatial data infrastructure and hydro-meteorological databases. Early warning web services. knowledge of the French language



The evaluation of documents different from the publications, must be done by taking into consideration the activity carried out by each candidate, the coherence with the topics related to the specific Academic Discipline indicated in the call and by specifically considering the importance that they take on, on the basis of the quality and the quantity of the research activity developed by each candidate.

The evaluation criteria and the maximum scores that the Commission must use in the procedures are:

#### **Publications- for a maximum of 60 points**

- importance of the qualifications with the research program and the Academic Discipline object of the selection: for a maximum of 15 points;
- congruence of the overall profile of the candidate with respect to the contents of the research program and the Academic Discipline of to the selection: for a maximum of 15 points;
- relevance of the publications, theses and scientific products presented with the research program and the Academic Discipline object of the selection: for a maximum of 30 points, of which 10 points for each publication.

#### **Interview - for a maximum of 40 points**

During the interview, if it's planned, the Commission have to evaluate the candidate competences on the basis of the topics indicated in the call in the light of the research programs with reference to the qualifications and the publications submitted by the candidate. The interview may take place in Italian or in English, as required by the candidate. In any case, during the interview, the Commission will check the candidate proficiency in English. At the end of the interviews the Commission evaluates each candidate. The Commission can ascribe a maximum score equal to 40. The selection shall be considered "passed" if the candidate scores 28 points in the assessment of the oral examination.

### **Art. 6**

#### **Schedule of selection procedure**

**The bill posting of the qualifications and publications evaluation** will be published on **22/01/2024** beginning at **15:00 (Italian time)** on the Politecnico website at [careers.polito.it/default.aspx?id=339/2023-AR](https://careers.polito.it/default.aspx?id=339/2023-AR).

**The interview will be by remote** on **23/01/2024** beginning at **14:30 (Italian time)**. The interview evaluation will be published on the Politecnico website at [careers.polito.it/default.aspx?id=339/2023-AR](https://careers.polito.it/default.aspx?id=339/2023-AR).

Candidates are intended to connect electronically, at time indicated above and show a valid identity document.

### **Art. 7**

#### **Formulation and approval of the classification**

Upon completion of the tests, the Committee shall formulate the classification of merit in descending order of overall score, or it declares that no candidate is qualified to cover the position.

Where there is equal merit preference shall be determined by:

- a) possession of a PhD, in selections where it is not set as a requirement for admission;
- b) younger age;
- c) the highest mark given in the assessment of qualifications and publications;
- d) the highest mark given in the interview.

The acts and the classification of merit shall be approved through a decree of the General Manager and the winner of the scholarship shall be declared, on condition of the verification of the requirements. The decree will be published on the Official Register and on the Politecnico website [careers.polito.it/](https://careers.polito.it/).

The admission list will be valid for a year. In the event of withdrawal of the fellowship recipient or nonacceptance within the terms communicated by this University, the fellowships may be conferred to candidates who are found to be suitable in order of their classification.

#### **Art. 8 Presentation of documents and commencement of activity**

The candidate declared winner shall submit, within 30 days of the start of the activity, the documents that will be required by this Politecnico, under penalty of forfeiture of the fellowship. Non-Eu foreign citizens must possess a residence permit for Italy in order to start the activity. The certificates issued by the competent authorities of the State of which the foreigner is a citizen must comply with the provisions in force in the same State and must be, moreover, legalized by the Italian diplomatic or consular representations. Records and documents written in a foreign language must have an attached translation into Italian, certified as consistent with the foreign text, drawn up by a competent diplomatic or consular office or by an official translator. In any case, the winner shall be invited to regularize, within the additional period of thirty days, incomplete documentation or an amendable defect subject to forfeiture of the fellowships. Winners that, without justifiable reason, do not start the activity by the established deadline are deprived of their right to the fellowship. Justifications apply only for delays and interruptions due to serious health issues or due to force majeure duly substantiated. For winners who are entitled to maternity leave, pursuant to the current legislation, postponement of the date of commencement of the period of the entitlement of the fellowship shall be allowed.

#### **Art. 9 Signature of the contract**

The candidate who is declared winner, who shall meet the requirements established by article 6, will sign a contract governed by private law for the awarding of the fellowship to conduct research activity. This contract shall not in any way confer an employee status or give rise to rights to access permanent employment at the university.

The gross sum of the fellowship, which shall be paid to the recipient in deferred monthly installments, is communicated in the call.

#### **Art. 10 Treatment of personal data**

Pursuant to the General Data Protection Regulation (EU Regulation 2016/679) the personal data provided by the candidates will be treated in accordance with the privacy statement published at the following Politecnico website [careers.polito.it/privacy](https://careers.polito.it/privacy).

#### **Art. 11 Information and clarifications**

Further information/details or clarifications concerning the submission procedure of the application will be provided by People, Planning and Development Self-Employed and Assimilated Benefits Office by phone 011-090.6136/5923/7593/6072 and by e-mail [peps.assegnidiricerca@polito.it](mailto:peps.assegnidiricerca@polito.it) or during the following office hours:

Monday-Thursday from 9.00 a.m. to 12.00 p.m. and from 2.00 p.m. to 4.00 p.m. Friday from 9.00 a.m. to 12.00 p.m.

If you need support with technical problems, you can send an e-mail to [IT.SWAS@polito.it](mailto:IT.SWAS@polito.it) by specifying the username used for the registration in the online procedure.

The person responsible for the procedure is Mrs Giovanna MELCHIONDA- People, Planning and Development Self-Employed and Assimilated Benefits Office.

#### **Art. 12 Reference to the Italian law in force**

For all matters not covered in this call, the provisions on the conduct of public competitions are valid, if applicable. For all rules of a general nature relating to the awarding of fellowships to conduct research activity and related tasks, duties and the manner of renewal



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of contract, please refer to “Regulation for the awarding of fellowships to conduct research activity”, of the Politecnico di Torino published on the following university website: [www.polito.it/sites/default/files/2023-01/Regolamento\\_AdR%20-%20DR%20709%20-22072020.pdf](http://www.polito.it/sites/default/files/2023-01/Regolamento_AdR%20-%20DR%20709%20-22072020.pdf).