



**CALL FOR ONE (1) RESEARCH POSITION AT MUSE Science Museum
(pursuant to Article 22, Law 240/2010 as amended)**

Article 1 - Description

This Call for Applications announces a selection in execution of Board of Directors Resolution no. 45 of October 11, 2022 of the MUSE- Museo delle Scienze of Trento (Italy) ("MUSE Science Museum", or "MUSE"). MUSE is seeking one (1) researcher to engage in research activity within the Projects "Ecology of mountain environments", "Ecology and taxonomy of aquatic insects" and "Ecology of stress (pollution, climate and environmental change)" of the Climate and Ecology Research Unit.

Scientific disciplinary area: BIO/07

Research coordinator (Tutor): Valeria Lencioni (MUSE)

Research title: *"The impact of climate and environmental changes on high-altitude aquatic ecosystems and invertebrate fauna as bioindicators"*

Research subject: The most obvious evidence of global warming in the Alps is the retreat of glaciers, with consequent progressive loss of associated ecosystem services, including provisioning, regulating and cultural services. Glaciers that are now less than one square kilometre size are likely to become extinct within a few decades, and the biodiversity of glacial streams and other alpine habitats is also at risk of extinction. Glacial streams are considered extreme environments for plant and animal life, due to low temperatures, limited food resources, high-velocity currents, riverbed instability and winter snow cover. Such environments are populated by few species, extremely specialised for life in cold environments.

Studies carried out by MUSE over the past 25 years, mainly in the Italian Alps, show that some invertebrate species living in glacial streams (including species of Diptera Chironomidae) are entering local extinction, and that the structure and functional traits of macroinvertebrate communities are changing, with still undetermined consequences on aquatic and associated terrestrial trophic networks. The quantity of meltwater is decreasing; quality is also decreasing, due to the release of pollutants (pesticides, fragrances) and many other organic and inorganic substances carried by the wind and trapped by the glaciers. Further studies are needed to describe the current events and develop predictions for the future.

MUSE needs a researcher who will pursue the following goals, within institutional long-term projects on "Ecology of Mountain Environments", "Ecology and taxonomy of aquatic insects" and "Ecology of stress":

- collaborate in the study of the effects of climate change on mountain aquatic ecosystems, by participating in field and laboratory activities (chemical and physical analyses, taxonomic determination of benthic macroinvertebrates, development of entomological collections);

- conduct ecotoxicology experiments using aquatic insects as target species;
- conduct statistical analysis of ecological data, for purposes of studying community structure, ecosystem functions, the trophic network and ecological niche;
- prepare site distribution maps and ecological data maps using GIS software;
- collaborate in writing scientific publications for international journals;
- participate in conferences, workshops and public events.

The recruited researcher will have opportunities to collaborate with MUSE research staff and research partners involved in the MUSE projects, conducting in-depth investigation on complementary questions, also benefitting their scientific training.

Gross amount of the grant: 23,400.00 euros per year excluding charges, with research expenses borne by the project.

Duration of the contract: 12 months, indicatively from February 2023. The grant may be renewed, subject to verification of available finances, on the theme identified.

Place of the activity: MUSE (Trento, Italy). The researcher's activities will take place in the field (mainly in the Trentino Province) and in the laboratories of the MUSE entomology and hydrobiology team.

In the event of restrictions on movement and/or travel resulting from the entry into force of provisions on the containment and management of the epidemiological emergency from COVID-19, the activity will be appropriately organised in compliance with the regulations in force.

Article 2 - Essential and preferential requirements for participation

Essential requirements (entry requirements for the call for applications):

- o Master's Degree lasting not less than 4 years equivalent to Italian Master's Degree (Article 3,1,b of Ministerial decree no. 270/2004; Article 3,1,b of Ministerial decree no. 509/2009), in natural science disciplines (biology, environmental sciences, natural sciences and similar);
- o category B driver's license.

Preferential requirements:

- under- and postgraduate theses and performance of curricular internships in the disciplinary field relevant to the grant;
- PhD in the grant's disciplinary field;
- scientific and popular publications in the grant's disciplinary fields;
- professional experience in the grant's disciplinary fields.

Article 3 - Application and submission deadlines

For participation in the call for applications, the candidate must send the application **no later than 12 noon on 30 December 2022**, under penalty of exclusion from the selection; the application must be sent to the email address selezioni@muse.it, specifying in the subject line **"Application for research grant: The impact of climate changes on aquatic invertebrate fauna."**

For further information write to: selezioni@muse.it

In the application, the candidate must clearly and accurately state, under their own responsibility:

- their identifying details, including date and place of birth, citizenship, residence and elected address for the purposes of the selection;
- that they meet all the requirements indicated in Article 2 of the call for applications;
- that they are aware of all the limitations and that they are not subject to any of the incompatibilities indicated in Articles 2 and 7 of the call for applications;

- any existing contracts with MUSE Science Museum;
- for those who have citizenship in a country other than those that make up the European Union (EU), or with which the EU has stipulated free movement agreements, that they possess a regular Italian residence permit for self-employment, covering the entire duration of the contract, or that they have submitted a request for conversion of their residence permit (to be declared if this is the case, but this is not a condition for initial participation in the selection);
- undertake to promptly communicate any change in the residence or address they have indicated in the application.

Applicants must attach to the application:

- their scientific-professional curriculum vita (CV), in accordance with Article 15 of Legislative decree 33/2013, demonstrating qualifications and skills useful for carrying out the activity described in Article 1 of the call for applications. The CV must be dated and signed by the candidate, under penalty of exclusion (*in drafting the contents of the CV the applicant should refer to the European format, in particular concerning indication of academic qualifications held, professional experience, etc.; in the case of CVs subject to publication, the applicant must adhere to principles of relevance, completeness and non-excessiveness in the dissemination of personal data*);
- publications, certificates and any other documentation useful as proof of the applicant's qualification in relation to the assignment; accompanying these, the applicant must attach a dated and signed list of the publications and documentation submitted;
- photostatic copy of their identity card or other identification document.

Under penalty of exclusion from the selection: both the application and the CV must be dated and signed in original by the candidate/applicant, and bear the explicit declaration that the information contained therein is made pursuant to and for the purposes of Articles 46 and 47 of Presidential decree 445/2000.

Article 4 - Selection Committee and selection procedure

The Committee consists of a section with expertise on the subject areas of this notice and a section with expertise in human resource management:

Thematic section:

Committee members	- Valeria Lencioni, Scientific Curator, Research Coordinator, MUSE; also serving as Committee Secretary
	- Roberta Pedrazzani, Professor, University of Brescia (Italy);
	- Massimo Bernardi, Acting Director, Museum Collections and Research Area, MUSE; also serving as Committee President
Substitute	- Mauro Gobbi, Curator, Climate and Ecology, Museum Collections and Research Area, MUSE

Human resources section:

Committee members	- Alberta Giovannini, Acting Director, Human Resources and Management Services, MUSE
Substitute	- Sabrina Candioli, Officer, Human Resources and Management Services, MUSE

Changes in the committee membership may be made by direct appointment of the Director of MUSE.

The selection among applicants is by qualifications and interview.

The evaluation criteria for the interview are predetermined by the Selection Committee.

The selection processes serve primarily for ascertaining the preparation, experience and research aptitude of the candidates.

The selection processes consist of:

- evaluation of the scientific-professional CV and the qualifications presented;
- the interview, aimed at discussion of the candidate's qualifications and experience, with in-depth examination of topics of scientific relevance to the research program described in Article 1 of the call for applications.

The total score is 60 points, divided as follows:

- 30 points for the evaluation of qualifications;
- 30 points for the oral interview.

The evaluation of qualifications is divided as follows:

- **Doctoral degrees, postgraduate specialisation courses, professional qualification and refresher courses and professional licenses: up to 12 points**

Provided that they are related to the themes of the position to be conferred, the evaluation will consider: doctoral degrees, post-graduate specialisations in programmes requiring previous graduation in the degree(s) required for access to the competition; professional qualifications relating to these same degrees; master's programmes and professional qualifications or refresher courses, provided that the latter have been successfully concluded with a final examination. For all of these qualifications, the candidate/applicant must provide all elements demonstrating successful completion of the final examination, otherwise the qualification will not be evaluated.

- **Publications: up to 6 points**

The evaluation considers the originality of the production, the relevance of the journal, the role of the candidate/applicant in the specific publication, and the degree of relevance to the assignment to be conferred.

- **Professional curriculum: up to 12 points**

The evaluation will consider professional experience attesting to expertise in inland water ecology, ecotoxicology, zoology.

The candidate's CV must provide all elements necessary for consideration of the above qualifications, under penalty of non-evaluation of the qualification.

At the interview, the following will be evaluated:

- skills and qualifications concerning field activity and study of aquatic macroinvertebrates;
- skills and qualifications concerning performance of ecotoxicology experiments;
- skills and qualifications concerning statistical analysis of ecological data;
- skills in scientific communication;
- levels of proficiency in English;
- motivation.

The interview is considered passed with achievement of the score 18/30 or greater.

The final score is the sum of the two evaluations (qualifications+interview).

The list of candidates admitted to the interviews and the schedule indicating the date, time, place and/or online mode of interviews, as well as the date for evaluation of qualifications, will be

announced at least 15 days prior, by notice published on the MUSE Internet portal:

<https://www.muse.it/it/partecipa/collabora-con-noi/selezioni/Pagine/selezioni.aspx>

Failure of the candidate/applicant to attend the interview will be considered as withdrawal from the selection.

The Committee will draw up a report of its completed work: the operations carried out, the evaluations of candidate qualifications and their interviews, if any.

The Committee's judgment is final.

The competition procedure concludes with the formulation of a ranking list that will be published on the Internet portal:

<https://www.muse.it/it/partecipa/collabora-con-noi/selezioni/Pagine/selezioni.aspx>

Article 5 - Award of the research grant

The Director of the MUSE, at their own determination, shall approve the acts of the selection and appointment of the winner. The successful candidate will be notified in writing of the grant award.

With the contract, the winner shall submit:

- a statement pursuant to Article 46 of Presidential decree 445/2000, declaring any research grants received and that they are not subject to any of the incompatibilities provided for in Article 7 of the notice;
- a copy of their doctorate (PhD) certificate on plain paper (for those who obtained their PhD abroad) or self-declaration regarding the achievement of their doctorate (for those who obtained their PhD in Italy);
- for non-EU citizens, a copy of their residence permit.

In case of renunciation of the first-ranked candidate before they have started the research activity, the next candidate in the list of eligible candidates shall be selected.

Payment of the grant is made at the completion of each month.

Article 6 - Duties of the grant-holder

The duties of the grant holder shall be identified in the individual contract and carried out under the direction of the Research coordinator/Tutor(s), who will monitor the activities performed.

The assigned tasks shall provide for specific research activities. The grant holder is required to prepare a final report on the activity carried out, to be validated by the Research Coordinator and submitted to the Museum Director.

Pursuant to Article 18 of Law 134/2012 on Open administration, the contract between MUSE And the grant-holder must be signed by both parties by the date of commencement of activities, otherwise the contract shall NOT be effective and the work performed shall not be recognised nor remunerated.

Article 7 - Incompatibility and prohibition of accumulation

Participation in the call is not open to personnel with tenure at Italian universities, public research or experimental institutions, the National Agency for New Technologies, Energy and Sustainable Development (ENEA) or the Italian Space Agency (ASI), nor with institutions whose postgraduate scientific diploma has been recognised as equivalent to a doctorate (PhD) in accordance with Article 74.4 of Presidential decree 382/1980.

Participation in the call is also not possible for persons have spousal relationships or kinship up to and including the fourth degree with any MUSE staff members who have proposed or are adjudicating the appointment, or the Director or any member of the Board of Directors of MUSE.

Participation in the call is also not possible for those who carry out/have carried out research activities pursuant to Article 22 of Law 240/2010 and the current Museum Regulations on research grants: in the context of European projects, where the research activities have totalled more than 5 years, including renewals; in the context of other research projects, where the activities have totalled more than 4 years, excluding the period in which the grant was simultaneous with a doctorate programme.

In terms of the relationships defined in Article 22, Law 240/2010 and pursuant to Article 24 "Researchers on fix-term contracts" of Law 240/2010, grant-holders must not exceed a total of 12

years duration of relationships with any combination of or single state or non-state universities, telematic universities or entities referred to in Article 22.1 of Law 240/2010, even if not continuous. For the purposes of the duration of the aforementioned relationships, periods spent on maternity leave or leave for health reasons, in accordance with current regulations, are not calculated.

The research grant cannot be held simultaneously with participation in graduate, specialist or master's degree programs, doctorates with research grants or medical specialisations, in Italy or abroad. Finally, the grant referred to in this Call for Applications cannot be combined with any similar research collaboration contracts, nor with any other research grants conferred any purpose, except for those granted by national or foreign institutions and useful in supporting the grant-holders research activity during time broad.

Article 8 - Termination, withdrawal

Any serious and relevant non-fulfilment by the grant-holder, pursuant to Article 1460 of the Italian Civil Code, reported by the Research Coordinator (Tutor) to the Director of the Museum, with reasons, constitutes cause for termination of the relationship.

In case of withdrawal from the contract, the grant-holder is required to give not less than 30 days' notice.

This grant is subject to the tax and social-security provisions referred to in Article 22.6 Law 240/2010.

MUSE will provide insurance coverage with regard to accident and liability risks.

For anything not specified in this call for applications, reference is made to the regulations contained in Law 240/2010 and in the Regulations on Research Grants of MUSE Museum of Science, as per Article 22 of Law 240/2010.

Article 9 - Treatment of personal data

Pursuant to Article 13 of EU Regulation 2016/679 "General Data Protection Regulation" (GDPR), the personal data provided by candidates will be used exclusively within the scope and for the purpose of this selection and will be subject to processing carried out - with or without the aid of computer systems - in compliance with current legislation and confidentiality obligations.

The Data Controller of personal data is MUSE Museum of Science, with headquarters and postal address at Corso del Lavoro e della Scienza 3, 38122 Trento (TN), Italy.

For more information and to exercise their rights under Article 7 of Legislative Decree 196/2003, interested candidates may contact the following addresses:

Human Resources
MUSE – Museum of Science
Corso del Lavoro e della Scienza 3
38122 Trento (TN)
selezioni@muse.it

THE DIRECTOR
- Michele Lanzinger -
Firmato digitalmente da:
LANZINGER MICHELE
Data: 08/11/2022 15:46:07

Questa nota, se trasmessa in forma cartacea, costituisce copia dell'originale informatico firmato digitalmente predisposto e conservato presso questa Amministrazione in conformità alle regole tecniche (artt. 3 bis e 71 D.Lgs. 82/05). La firma autografa è sostituita dall'indicazione a stampa del nominativo del responsabile (art. 3 D.Lgs. 39/1993).

INFORMATION ON THE PROCESSING OF PERSONAL DATA

Pursuant to articles 13 and 14 Regulation (EU) 2016/679

Collaborators

Introduction

European Regulation EU 2016/679 on the protection of natural persons with regard to the processing of Personal Data and on the free movement of such data (hereinafter "GDPR"), provides for the protection of persons and other subjects with regard to the processing of personal data.

MUSE – Museo delle Scienze di Trento ("MUSE Science Museum", "MUSE"), as the "Data Controller", wishes to explain the purposes and methods with which your personal data are collected and processed. In particular, we provide you with the information as follows.

1 Identity and contact details of the data controller:

The data controller is MUSE Science Museum, with headquarters at Corso del Lavoro e della Scienza no. 3, 38122 Trento (TN), Italy.

You can contact the data controller using the following contact details:

- telephone +39 (0)4 6127 0311
- email: amministrazione@muse.it
- certified email: museodellescienze@pec.it

2 Identity and contact details of the Data Protection Officer:

The Data Protection Officer for MUSE Science Museum is QSA S.r.l. – Engineering, Consulting Training, with headquarter in Via alla Marcialonga no. 3, 38030 Ziano di Fiemme (TN), Italy.

You can contact the Data Protection Officer using the following contact details:

- email: privacy@qsa.it
- certified email.: privacy.qsasrl@pec.it

3 Purpose and legal basis of the processing:

The collection and processing of personal data is carried out for the following purposes:

a) Selection of candidates.

Your personal data will be processed for the selection of suitable candidates, for related legal verifications as well as for sending communications strictly related to the procedure.

b) Contract execution and contact purposes

Your personal data will be processed for the formalisation and management of the contractual relationship, including the management of any litigation, as well as for sending communications strictly related to the execution of the contract and for management of the services covered by the contract.

Personal data will also be processed to record any health costs. Data concerning health status will also be processed, in the case of health situations that involve the need for special aids to support work activities (e.g., disabilities).

c) Fulfilment of legal obligations

Your personal data will be processed for the fulfilment of legal obligations required by EU regulations, national laws and other regulatory sources.

In particular, MUSE Science Museum may process your data for the fulfilment of health and social security, tax and accounting obligations related to the contract, as imposed by law and EU regulations.

For the above-mentioned purposes a) b) and c), the provision of data is optional, but essential for the conclusion of the contract.

The legal basis for the processing carried out for the above purposes is embodied in the execution of the contract to which the Data Subject is a party, and the execution of pre-contractual measures taken at the request of the same (Article 6,1,b GDPR), as well as in the fulfilment of legal obligations to which the Data Controller is subject (Article 6,1,c GDPR), and in the pursuit of a relevant public interest (Article 2,sexies,dd) of Legislative Decree 163/2003 as amended by Legislative Decree 101/2018).

d) Image collection through video surveillance systems

With reference to the video surveillance installations in the internal and external areas of MUSE, the purpose of the processing is for protection of the property and assets of MUSE, and in keeping with the legitimate interest of the Data Controller for protection of persons and property, for example regarding potential aggressions, theft, robbery, damage, vandalism, fire prevention, work safety, etc.

The legal basis for the processing carried out for the above purposes is embodied in the pursuit of the legitimate interest of the owner (Article 6,1,f GDPR).

e) Provision of multimedia institutional communications and promotional materials

Additionally, subject to your prior and explicit consent, your personal data may be collected in photographic, audio and video format, on the occasion of activities or events organised by the Museum and processed in optical and audio-visual media, or reproduced through films, brochures, posters, or other presentations, and/or with subsequent publication on social network pages and on the Data Controller's website. The processing described here serves for purposes of identifying institutional documentation to be used as promotional or dissemination tools.

The purposes indicated also include the publication of your personal image within the "STAFF" section of the institutional website.

The legal basis for the processing carried out for the above purposes is embodied in the specific consent of the data subject.

SUCH CONSENT IS EXPRESSED:

- ***through the completion and signing of a release for audio/video recording.***

Consent to the processing of data collected for promotional purposes is optional and its refusal will have no consequences.

4 Method of processing

The processing of personal data is carried out for the stated purposes using manual, computer and telematic tools, applying logic strictly related to the purposes themselves and in ways ensuring the security and confidentiality of the data in accordance with the aforementioned law.

Automated decision-making processes, including so-called profiling, are not used.

The processing of personal data is carried out solely by formally authorised personnel and by the Institutional Bodies in the performance of their assigned functions.

5 Categories of third parties to whom the data may be communicated

MUSE may communicate your personal data to the following categories of subjects:

- subjects that carry out activities of packaging, sorting, transmission or transport of communications;
- firms and companies, within the scope of assistance, professional consulting and staff training relationships;
- public authorities, subject to the necessary prerequisites;
- credit institutions or banks, for issue of payments due;
- insurance and legal institutions;
- technicians, for maintenance and management of IT infrastructure and video surveillance systems;
- contractors involved in the management of MUSE services.

The subjects belonging to the above categories may in some cases operate in total autonomy as distinct Data Controllers, or as Data Processors on behalf of MUSE, in the latter case as specifically appointed by the Data Controller in compliance with Article 28 GDPR.

You can request a list of the Data Processors using the contact details of the Controller indicated in point 1.

Your personal data will not be disseminated.

6 Duration of processing and storage

Your personal data will be processed only for the times necessary to complete the purposes described above.

The table below notes the main time periods of use and storage in regard to the different data processing purposes:

Data processed for the operation of Muse activities	Discard ceilings defined by the Autonomous Province of Trento
Data processed for the fulfilment of legal obligations	Retention as prescribed by law
Data processed through video surveillance systems	72 hours after collection, except in cases of extension provided for in the Privacy Guarantor's Provision of April 8, 2010

7 Transfer of data outside the European Union

The data collected will not be transferred to countries outside the European Union.

8 Rights as the data subject

In your capacity as a data subject, you may assert the rights set forth in Articles 15 and following of the GDPR, and in particular:

the rights of access, rectification, completion and erasure of data; rights of data portability, restriction of processing and revocation of consent given.

- a) Under the GDPR, you have the rights to request that the Data Controller provide access to, rectification, completion and/or erasure of your data. Within 30 days of submitting your request, including by electronic means, you will be provided with a written response.
- b) You also have the right to object to or request the restriction of the processing, for legitimate reasons and in the cases provided for in GDPR Articles 18 and 21.
- c) At any time, you may revoke any previous consent to data processing given for the purposes determined in this notice.
- d) You can also exercise the right to data portability, by requesting that the Data Controller transmit the data to another data controller.

To exercise the above rights, please use the contact details of the Data Controller indicated in point 1.1.

Right to lodge a complaint with the supervisory authority

You have the right to lodge a complaint with the Italian Data Protection Authority, if you consider that your personal data are being processed unlawfully or in a manner contrary to the legislated provisions.