

Venezia, November 28th 2023
Rep. 987 prot. 263230

Research fellowship on “*The use of honeybee to detect habitat quality and suitability*” - Università Ca' Foscari Venezia (Italian law 30 December 2010, n. 240, art. 22 and subsequent amendments and additions)

The present document in English is to be considered as a mere summary of the main provisions of the notice of competition which is available in Italian at the following ([link](#)) The text in Italian is the official text of the notice of competition for all legal intents and purposes and, in the event of non-conformity with the present document, it shall prevail.

Description

The Department of Management at Università Ca' Foscari Venezia invites application for one 20-month fellowship in *The use of honeybee to detect habitat quality and suitability*, under the supervision of prof. Gabriella Buffa e prof. Edy Fantinato (SSD BIO/02 – Systematic Botany) - PI (Principal Investigator) prof. Marco Li Calzi (SSD SECS-S/06 - Mathematical methods of economics, finance and actuarial sciences).

Project acronym: PRIN PNRR 2022 “Honey BEE VOLatility: An environmental index for assessing climatic risk impact on ecosystems service provision” n. P2022AX5TH – CUP H53D23009460001

- Milestone 2 - Field data collection and landscape configuration (UNIVE: Lead)
- Milestone 3 - Stakeholders' data collection and beekeepers' survey
- Milestone 4 - BEE-VOL and CLIMATE-VOL: estimation and forecasting
- Milestone 5 - BEE-VOL and CLIMATE-VOL: estimation and forecasting (UNIVE: Lead)

A full copy of the approved project will be provided to the selected applicant.

Abstract: This research is part of a project aiming at assessing and forecasting the impact of climate volatility on living organisms and ecosystem service provision. Using honeybees as environmental bio-monitors and a nation-wide hive-based monitoring networks, project's main purposes are: 1) the advancement in honeybee health risk assessment through new technologies based on digitalised data, and 2) the development of novel techniques for modelling and forecasting volatility in climate change, to support the management of the related risks.

In this framework, this research will focus on the effects of landscape structure (i.e., landscape composition and configuration) and its interaction with climate volatility, on honeybee colony health and ecosystem service supply in terms of honey production. By adopting a multi-scale approach that consider both descriptors of landscape structure and land units' (habitats) quality, the research will contribute data to enhance the robustness of the model.

The research may be carried out in Italian and English.

The fellowship is intended to provide the successful candidate with the opportunity to pursue his/her own research while benefiting from the range of expertise at Università Ca' Foscari Venezia.

Who can apply

Prospective candidates are expected to hold a master's in Environmental Sciences, and scientific-professional curriculum suitable to the development of research activities related to the fellowship.

Ca' Foscari encourages applications from researchers with positive evaluation in all the criteria in individual proposals such as Marie Skłodowska Curie Actions - Individual Fellowships/ERC Starting Grants/FIRB (Italian Fund for basic research investments)/SIR (Scientific Young Independence Research) or similar.

Researchers having successfully completed Marie Skłodowska Curie Actions - Individual Fellowships/ERC Starting Grants/FIRB (Italian Fund for basic research investments)/SIR (Scientific Young Independence Research) or similar funded projects are warmly encouraged to apply.

Duration of contract: 20 months (starting March 1st 2024), with the possibility of renewal within the limits of art. 2 of the Regulations on university research fellowship awarding, which will be subject to a specific contract. The departments, including the central administration, may finance research fellowships with department funds, as well as with funds from national or European projects, agreements, research contracts, third party contracts, donations, or any other source of external funding.

Stipend: The research fellowship amounts to **52.158,00 Euros**, including taxes and social charges depending on applicant's filing status (cost to Ca' Foscari € 64.339,00).

Deadline for submission of applications: January 25th 2024, 12.00 noon (Italian time).

How to apply:

Candidates shall submit:

1. The application form;
2. A motivation letter (max 1 page) along with their CV in European format, duly dated and signed, both to enclosed as a one single.pdf file. ([link](#))
3. The attachments called “obligations and understanding” and “participation and compatibility”;
4. A copy of a valid identity document (either Identity Card or Passport);
5. (If available) Evaluation Summary Reports of Marie Skłodowska Curie Actions - Individual Fellowships/ ERC Starting Grants/FIRB (Italian Fund for basic research investments)/SIR (Scientific Young Independence Research) individual proposals having passed all the evaluation thresholds;
6. (If available) Details of Marie Skłodowska Curie Actions - Individual Fellowships, ERC Starting Grants, FIRB (Italian Fund for basic research investments)/ SIR Scientific Young Independence Research funded projects;
7. Declaration on availability to held the interview in remote ([link](#)) to be send via email at the following address: segreteria.management@unive.it
8. n. 1 signed reference letter;
9. All documents, qualifications and publications relevant for the selection procedure (please, see the notice [link](#)).

All the schemes of the quoted documentation are available on the website ([link](#)).

How to submit your application

Applications should be submitted by the online procedure, available on the notice webpage ([link](#))

Or submit here: <https://apps.unive.it/domandeconcorso-en/accesso/dma-licalzi-prin-pnrr2022>

By inserting their Italian Tax Code.

Foreign citizens not yet in possession of the Italian Tax Code can use the following link

<https://apps.unive.it/utills/cf> to obtain a temporary one and be able to proceed with the request.

The candidate, after the uploading, will receive a submission number and an e-mail acknowledging receipt of his/her application.

The candidate if necessary could access the procedures for updating any data and materials by the link provided by the e-mail, in any case any updates must be made no later than the deadline: **January 25th 2024, 12 noon (Italian time).**

Please note that the University can be contacted for any support needs by the candidate until 24 hours prior to the deadline.

We will inform that the University will be closed on the following days: December 23rd 2023 – January 07th 2024.

Please note that in case of an high number of applications and / or weight of the materials loaded by the candidates the system might become slower, Therefore it is suggested not to start the process close to the deadline.

NB: the University does not take on responsibility for wrong or late communication of addresses, nor for any communication problem not depending on the University.

Evaluation

The evaluation takes into account the criteria and thresholds described in the table below.	
Evaluation criteria	Scores
Qualification, including education, publications, work experience, awards, etc., and tests (if any)	Maximum 60 points; Minimum admission score: 42/60
Interview and other tests (if any)	Maximum 40 points Minimum admission score: 28/40
TOTAL AVAILABLE SCORE	100/100
Threshold for inclusion in the final ranking	70/100

Selection procedure

The interview will be on **February 05th 2024, at 10.00 a.m. (Italian time).** The interview will be held in remote only. Further details on how to connect online will be published alongside the convocation notice.

The short-list of the candidates admitted to the interview, or any postponement, will be published on the



University's webpage on February 01st 2024 ([link](#)).

Information and contacts

Candidates may find further details about the application process and the research project in the official call published on the following ([link](#))

Preliminary inquiries about the research program should be addressed to Buffa Gabriella <buffag@unive.it>
Fantinato Edy <edy.fantinato@unive.it> Li Calzi Marco <licalzi@unive.it>

Additional information about the application procedure may be obtained from <lisa@unive.it>
<ricerca.management@unive.it>