Research fellowship on - Università Ca' Foscari Venezia
(Italian law 30 December 2010, n.240, art. 22)

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 Environmental Sciences, Informatics and Statistics at Università Ca’ Foscari Venezia invites applications for a post-doc fellowship in:

**TITLE:** Analysis of the structure and dynamics of nekton assemblages in the main shallow-water habitats in the Venice lagoon: Interrelationship with abiotic and biotic variables.

**SSD:** BIO/07

**Tutor:** Prof. Piero Franzoi

**Duration:** 12 months

**Abstract:** The shallow waters of the Venice lagoon constitute a complex mosaic of intertidal and subtidal aquatic habitats. This determines, together with the presence of spatial gradients and important seasonal and interannual fluctuations in the chemical-physical characteristics of water and sediment, marked variations in space and time of the structure of the nektonic assemblages.

With this research project we aim to:
1) to analyze the structure and dynamics of the nektonic assemblage in the main shallow-water habitats of the Venice lagoon (aquatic habitat associated with salt marshes; seagrass meadows; mud flats);
2) to characterize the abiotic and morphological properties of the investigated shallow-water habitats;
3) to analyze the influence that the characteristics of the habitats can have on the distribution of the main nektonic species and on the composition and structure of the nektonic assemblage.

The project will follow, in addition to the traditional taxonomic approach, also a functional approach, to highlight the role played by the different shallow-water lagoon habitats with respect to the nektonic assemblage. Despite existing knowledge about the dynamics of nektonic populations inside lagoon ecosystems, are in fact not very well known factors that determine the capacity of different habitats to perform certain functions for these organisms. A better understanding of these ecological processes will therefore make it possible to formulate more precise and effective measures for the management of the lagoon ecosystem and the conservation of the biodiversity that characterizes it.
The research may be carried out in 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 degree in Environmental Sciences or related disciplines.

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: 12 months, approximately starting: October 2019

Stipend: The research fellowship amounts to 19.367,00 Euros per year, including taxes and social charges.

Deadline for submission of applications: 26/09/2019 12.00 noon.

How to apply:
Candidates should 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. A copy of a valid identity document (either Identity Card or Passport);
4. (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;
5. (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;
6. All documents, qualifications and publications relevant for the selection procedure
How to submit your application

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

Or submit here:  
https://static.unive.it/domandeconcorso-en/accesso/dais2019franzoioottobre

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 26/09/2019, 12.00 noon.  
Please note that the University can be contacted for any support needs by the candidate until 24 hours prior to the deadline.  
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

Up to 100 points, specifically:  
For qualifications, publications and possible tests, from 0 to 60 (candidates with a score equal to or greater than 42 points are admitted to the interview);  
For interview, from 0 to 40 (the interview is passed with a score greater than or equal to 28 points).

Selection procedure

The interview will be on 02/10/2019 h 12,00 at the at the Department of Environmental Sciences, Informatics and Statistics, Ca’ Foscarì University of Venice, - Scientific Center – Zeta C Building – Office Prof. Piero Franzoi - Via Torino, 155 – Mestre (Venice).  
The short-list of the candidates admitted to the interview will be available on 02/10/2019 out of meeting room.

The interview:

The interview questions will cover:
- Biology and ecology of the nektonic assemblage of Italian transitional water environments;
- Sampling methods and analysis of fish fauna in transitional water bodies;
- Good knowledge of English
- Good knowledge of Italian (in case of foreign candidates)

Candidates living farther than 200 Kms from Venice may ask to hold a telematic interview.

**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](#).

For further information please contact Prof. Piero Franzoi, - email: pfranzoi@unive.it - 041234 7734.

Rep.
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Venice,

Il Direttore del Dipartimento di Scienze Ambientali, Informatica e Statistica
Prof. Antonio Marcomini
Firma digitale