Research fellowship on: Methodological approaches for the analysis of climate change impacts in the Venice Lagoon - 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:

**Research grant n.1**

**TITLE:** Methodological approaches for the analysis of climate change impacts in the Venice Lagoon

**SSD:** CHIM/12

**Tutor:** Prof. Andrea Critto

**Abstract:** The research activity aims at developing a multidisciplinary approach for the integrated analysis of climate change related impacts in the Venice lagoon. The approach will integrate different types of data (e.g. climate projections, chemical-physical, biogeochemical, geomorphological data) available from previous research projects and as a result of the experimental and modelling activities carried out by the partners of the project Venezia2021. The resulting output will represent useful information for the development of the climate change adaptation plan of the Venice Lagoon.

**Who can apply**

Prospective candidates are expected to hold a master's degree in Environmental Science or related disciplines.
- In-depth knowledge of methodological approaches for the multi-risk appraisal of climate related impacts;
- Knowledge of methods and software for the design and training of Bayesian Belief Networks applied to multi-scenarios' analysis.

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 by 30/09/2018 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: **January/February 2019**
Stipend: The research fellowship amounts to **Euros 23,367.00 per year**, including taxes and social charges.

**Deadline for submission of applications: 15/01/2019, 12.00 noon**

**How to apply:**

Candidates should submit:
1. The application form
2. A CV in European format, duly dated and signed;
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 (please, see the notice [link](#)).
7. activity as IT security consultant or analyst.

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://static.unive.it/domandeconcorso-en/accesso/dais211218critto](https://static.unive.it/domandeconcorso-en/accesso/dais211218critto)

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 **15/01/2019, 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 a 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;
For interview, from 0 to 40.

Selection procedure

The interview will be held in any case on 25/01/2019, h. 10.00 a.m. (Rome CET), at the Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice, - Scientific Center, Alfa Building 7 floor - Prof. Antonio Marcomini office, Via Torino, 155 – Mestre (Venice).

The short-list of the candidates admitted to the interview will be available on 25/01/2019 at the office of Prof. Antonio Marcomini. Any postponement, will be published on the University’s webpage (link).

Please note that the University is closed for Christmas holidays from 22/12/2018 to 06/01/2019.

Candidates will be required to demonstrate the following skills, knowledge and expertise:

<table>
<thead>
<tr>
<th>The interview:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Methods and approaches for the assessment of environmental impacts induced</td>
</tr>
<tr>
<td>by climate change, with a specific focus to coastal environments;</td>
</tr>
<tr>
<td>- Methodologies for multi-risk assessment related to potential climate</td>
</tr>
<tr>
<td>change scenarios;</td>
</tr>
<tr>
<td>- Methods and software for the design and training of Bayesian Belief</td>
</tr>
<tr>
<td>Networks applied to multi-scenarios’ analysis.</td>
</tr>
<tr>
<td>- Good knowledge of English;</td>
</tr>
<tr>
<td>- Good knowledge of Italian (in case of foreign candidates).</td>
</tr>
</tbody>
</table>

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. Andrea Critto – critto@unive.it

Rep. 1233/2018
Prot. 71333/III-13
Venice, 21/12/2018