Research fellowship on Actions to support monitoring surveys, sampling and analysis within the CORILA project "Venezia 2021", Line 3.3, WP1 - Updating of the trophic status, speciation and primary production of macrophytes, impact of sedimentation rates and erosion/sedimentation processes in the Venice lagoon (UNIVE) - Università Ca’ Foscari Venezia.

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:** Actions to support monitoring surveys, sampling and analysis within the CORILA project "Venezia 2021", Line 3.3, WP1 - Updating of the trophic status, speciation and primary production of macrophytes, impact of sedimentation rates and erosion/sedimentation processes in the Venice lagoon (UNIVE).

**SSD:** BIO/07

**Tutor:** Adriano Sfriso

**Duration:** 12 months

**Abstract:** The main objective is to study and monitor the effects of the closures of the MOSE gates on the trophic status of the lagoon. For this purpose, three stations were selected in the three port entrances and three in the inner lagoon where the following measures will be carried out:

- Determination of environmental parameters and nutrient concentrations in the water column, sediment, particulate matter and macrophyte tissues;
- Determination of sedimentation rates and sedimentation/erosion processes;
- Determination of the biomass and speciation of macrophytes;
- In field determination of the primary production of the dominant species.

In particular the candidate must have:

- A consolidated experience in monitoring environmental parameters in the water column, surface sediments, particulate matter and aquatic vegetation;
- The ability to measure autonomously, with appropriate scientific instruments, the physico-chemical parameters of water and sediments and to collect samples of water, sediments, particulate and vegetation for the analyzes envisaged by the project;
- The ability to analytically determine the nutrients in these matrices and to participate actively in the in field measures of primary production.

3. 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 by 30/10/2018 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 within: February/March 2019

Stipend: The research fellowship amounts to **19,367,00 Euros per year**, including taxes and social charges.

**Deadline for submission of applications: 14/02/2019, 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).

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/dais30119sfrisocorila](https://static.unive.it/domandeconcorso-en/accesso/dais30119sfrisocorila)

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 **14/02/2019, 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;
For interview, from 0 to 40.

**Selection procedure**
The interview will be held in any case on 15/02/2019, h. 11,00 a.m. (Rome CET) at the Department of Environmental Sciences, Informatics and Statistics, Ca’ Foscari University of Venice, - Scientific Center, Delta Building - Groundfloor Office 4 - Prof. Adriano Sfriso, office, Via Torino, 155 – Mestre (Venice).
The short-list of the candidates admitted to the interview will be available on 15/02/2019 office Prof. Adriano Sfriso.
Any postponement, will be published on the University’s webpage (link).

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

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<th>The interview:</th>
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The interview questions will cover the experience gained by the candidate in the monitoring campaigns of environmental parameters and macrophytes in transitional environments, the ability to determine the nutrients in various environmental matrices and skills to measure the growth of macroalgae and aquatic phanerogams present in these environments.

- 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. Adriano Sfriso - email: sfrisoad@unive.it

Rep. 149/2019
Prot. 5071/III-13
Venice, 30/01/2019
Il Direttore del Dipartimento di
Scienze Ambientali, Informatica e Statistica
Prof. Antonio Marcomini