



Università  
Ca' Foscari  
Venezia

## Global@Venice

### Post-doc Fellowship at Ca' Foscari University of Venice

#### “Expression of Interest” for Global at Venice - call 2021

#### 1. Interested institution (legal person):

Ca' Foscari University of Venice

#### 2. Department/Centre:

**CMCC@Ca'Foscari** is the research centre on climate change of **Ca'Foscari University of Venice**, the result of a strategic partnership with the **CMCC Foundation—Euro-Mediterranean Center on Climate Change (CMCC)**. CMCC@Ca'Foscari is today the most important climate research centre developed by an Italian university. Its multidisciplinary task force includes climatologists, economists, chemists, and statisticians, conducting national and international research on the interaction between the climate, the environment, the economy, and society.

#### 3. Position, scientific requirements, topic, scientific panel:

##### Position:

Post-doc Position

##### Scientific requirements:

PhD in Environmental Sciences or similar. Also PhD in Computer Sciences or Statistical Sciences with application in environmental contexts could be suitable.

The fellow should have experience in climate change risk assessment and development & validation of Machine Learning models (e.g. Neural Networks and/o Bayesian Networks for the spatio-temporal analysis of environmental systems dynamics), possibly with focus on environmental risk / vulnerability assessment in coastal and marine environments.

The fellow should have leadership abilities and international experience in research and/or teaching.

##### Topic(s):

We are interested in proposals in one of the following Scientific Panels covering the following topics:

- 1) Climate change multi-risk assessment
- 2) Risk based machine learning models
- 3) Environmental risk / vulnerability assessment in coastal and marine environments

##### Scientific Panel:

X PE - Physical Sciences and Engineering

LS - Life Sciences

SH - Social Sciences and Humanities

#### 4. Contact person:

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