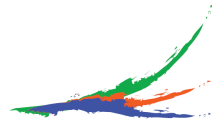




Università  
Ca' Foscari  
Venezia



Doctoral School  
**ChangeS**  
Global Change Science and Policy



PhD Programme in  
Science and Management  
of Climate Change



CMCC  
Centro Euro-Mediterraneo  
per i Cambiamenti Climatici

*Doctorate School in Global Change Science and Policy (ChangeS)*  
**PhD Programme in Science and Management of Climate Change (3 years)**

The PhD Programme in Science and Management of Climate Change is jointly organized by the Ca' Foscari University of Venice and the Euro-Mediterranean Centre for Climate Change (CMCC), an integrated, multi-disciplinary frontier research center for understanding, controlling and adapting to Climate Change. It has been designed to provide a comprehensive and interdisciplinary analysis of the problem of climate change and of its solutions. The PhD candidates will have the chance to be exposed to the latest and most original research in the field, and will count on a diverse and competent faculty and strong links with leading research institutes worldwide. The Programme is part of the inter-university Doctorate School in Global Change Science and Policy (ChangeS).

Every year, up to twelve students are enrolled in this Ph.D. programme. The students will be able to exploit on the one side the extensive experience in Earth modeling and the world-class supercomputing resources at CMCC, on the other side they will be exposed to the extensive suite of economic models developed at Ca' Foscari University. The combination is a unique opportunity to develop a very original and personal path in modeling the interactions between climate, Earth and our societies.

### **Objectives of the PhD**

The main objectives of this PhD Programme are to provide the job market with experts with a broad, in-depth, scientific and socio-economic background, as well as with a sound and innovative research experience focusing on the dynamics of climate change, the design and execution of numerical and mathematical models of the climate and the economy, the methodologies and techniques for evaluation, management and assessment, in terms of mitigation and adaptation measures and policies.

### **Organisation of the PhD Programme**

The Programme is organised in two Streams:

- Dynamic climatology, at CMCC in Bologna
- Climate change impact and management, at the Department of Economics of the University Ca' Foscari in Venice

The programme, taught in English, lasts for three years. Twelve courses are planned for the first academic year (available at the programme website <http://venus.unive.it/phd-climate-change/>), in order to provide students with the state of the art of the scientific findings related to the two disciplinary streams. These also foresee common activities with the objective of offering tools to build a sound scientific, managerial and economic base for the general comprehension of the broader theme of climate change, with the opportunity for in depth studies of specific issues and for experiencing a multidisciplinary approach.

The second year is aimed at providing the PhD candidates with an experience of research in a foreign institution, while the third year is mainly devoted to the preparation of the thesis which will be externally reviewed by international referees.

### **Prerequisites**

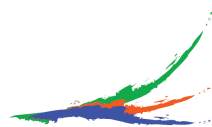
In order to apply, students are required to hold an Italian "Laurea magistrale" or an equivalent foreign university degree (e.g. MSc or DEA). Foreign applicants shall provide full documentation of their university studies, including course profiles. Students are required to send proof of their knowledge of English (Toefl, Cambridge Certificate, etc).



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## Application

Applications for the PhD programme must be formally submitted by sending an application form together with the following documents:

- Proposal for a research project to be carried out during the three years;
- Curriculum vitae;
- Presentation/recommendation letters by previous tutors/professors (at least 2);
- TOEFL or similar English proficiency scores;
- Academic transcript of records;

Other documents that are considered are the following:

- GRE Score for General and Mathematics
- Scientific publications, including an English abstract;
- Certificates of research experience at universities or research institutions;

## Application deadline

The Call for Applications for the academic year 2011/2012 **will be opened on the 31<sup>st</sup> of January and closed on the 22<sup>nd</sup> of March 2011.**

## Admission evaluation

The candidate's ability to carry out high level research activities will be screened through the evaluation of the documentation attached to the application form and an interview. Interviews may be organised in remote if needed (phone, skype, webex, etc).

## Application information and forms

The Call for Application (PDF File), general information, and forms for the PhD Programme on Science and Management of Climate Change can be downloaded at [http://www.unive.it/ngcontent.cfm?a\\_id=82531](http://www.unive.it/ngcontent.cfm?a_id=82531) **after the opening of the call**. If you would like to receive an alert when the call open, please write to [phd-climate-change@unive.it](mailto:phd-climate-change@unive.it) in order to be added in our mailing list.

## Contacts

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