



Vacancy Notice 01/2015

CIMA Research Foundation opens a call for the following two positions:

1. System Administrator / Scripting developer

Position title: System Administrator

Contract type: Consultant

Duration: 12 months with possibility of extension

2. Software Developer

Position title: Software Developer

Contract type: Consultant

Duration: 12 months with possibility of extension

CIMA Research Foundation, Centro Internazionale in Monitoraggio Ambientale (CIMA) operates under the authority of the Italian National Civil Protection, the University of Genova and the Local Governments of Liguria and Savona.

CIMA Research Foundation mission is to advance science and engineering in environmentally related fields, focusing on public health and safety, civil protection and the preservation of terrestrial and water-related ecosystems. This aim is accomplished through scientific research, technology transfer and high level training services.

The application is open until both positions are filled.

The salary will be set on the base of the candidate experience and in line with the regular salary of CIMA Research Foundation for the position. The salary will include healthcare insurance, retirement plan contributions, national and local taxes.

The contract duration will be **12 months** from the date of signature. The expected commencement of the contract is October 2015. The parties may extend duration upon mutual written agreement.

A first selection will be based on the analysis of Curricula. Successful candidates will be invited at CIMA Foundation main office for the final interview.

The application shall include a detailed Curriculum Vitae, proof of technical expertise (e.g. a list of publications and a ".pdf" copy of selected papers, project reports, technical reports, thesis, etc.) and shall be submitted via email to: info@cimafoundation.org

CIMA Foundation is an equal opportunity employer and complies with all National and European laws. This selection procedure will not necessarily result in any binding obligation for CIMA to hire personnel.



Candidate requirements for Position 1: System Administrator / Scripting Developer

Background: CIMA Research Foundation works with governments and inter-governmental organizations to address technical issues and institutional aspects related to Disaster Risk Reduction and Management. The main area of activity of CIMA are Europe, East and South-East Europe, Latin America and the Caribbean.

Description of the work:

- support for the maintenance, update and installation of IT systems developed by CIMA for national and international projects;
- remote and on-site assistance to beneficiary countries for the operational maintenance and update of the platform DEWETRA and other IT systems developed by CIMA;
- Contribute to the conduction of training on the job for IT experts in national and international Projects carried by CIMA;
- Contribute to technical project reporting;
- Contribute to the local network administration and maintenance;
- Development of scripts or simple well-defined software components mainly for handling geospatial data row formats.

Education: University degree (Master or equivalent) in Computer Engineering or Computer Science or equivalent experience.

Technical skills:

- Deep knowledge of Linux Operating System (Ubuntu, Debian);
- Experience in network administration;
- Experience in relational database (postgresql);
- Good shell scripting capability;
- Base knowledge of python language;
- Experience in administration of Web Gis systems is a clear advantage.

Experience: past experience in international projects is a clear advantage.

Languages: written and oral fluent English.

Other requirements:

- availability for frequent short- and long-term missions in European and Extra European Countries;
- Keen for new experience, responsibility and accountability;
- Able to get on with others and be a team-player.



Candidate requirements for Position 2: Software Developer

Background: CIMA Research Foundation support national and international agencies for the technological development in the fields of Civil Protection, Disaster Risk Reduction and Biodiversity. CIMA develops advanced IT tools for real time monitoring and forecasting hydro-meteorological extreme events.

Description of the work: developer will be inserted in an existing group of developers and will collaborate on server and client site to the maintenance of existing application and development of the new ones.

Education: Advanced University degree (Master or equivalent) in Computer Engineering or Computer Science.

Technical skills:

- Good knowledge of at least one Object Oriented Language (C++, Java);
- Good knowledge of client side web technologies (html, css, Javascript);
- Experience in AngularJS framework is a clear advantage;
- Good knowledge of python;
- Experience in Web Gis systems and mapping technologies is a clear advantage;
- Knowledge of UML language is a clear advantage;
- Knowledge of HPC, Grid and Cloud Computing is a clear advantage.

Experience: past experience in international projects is a clear advantage.

Languages: written and oral fluent English is a clear advantage.

Other requirements:

- availability to short- and long-term missions;
- ability to work in team;
- autonomy in developing.