



UNIVERSITA' DEGLI STUDI DELL'AQUILA

AFFARI GENERALI DI ATENEO
AREA GESTIONE DELLE RISORSE UMANE
SETTORE CONCORSI E SELEZIONI

UNIVERSITY OF L'AQUILA
CENTRAL ADMINISTRATION
HUMAN RESOURCES DEPARTMENT

Public Announcements and Selections Office

Announcement Summary

DECREE OF THE RECTOR NO. 366 – 2014 del 23.04.2014

A public selection procedure is being held at the University of L'Aquila to appoint 1 full-time researcher for a three-year period in compliance with art. 24, comma 3, letter a, of Law n. 240, 30 December 2010, in

Competition sector: 02/C1 - Astronomy, astrophysics, Earth and planetary physics;
Scientific Disciplinary Sector: FIS/06 - - Physics of the Earth and of the circumterrestrial medium.
Department of Physical and Chemical Sciences

Research Project Title

PRIMES- ASI Project: Synergistic use of Prisma products with high resolution meteo-chemical simulations and their validation on ground and from satellite.

Project Summary

This project shall be carried out within the sphere of the PRIMES project, with the aim of developing algorithms and models useful for retrieving physical properties of soils and composition of atmospheric aerosols from hyper-spectral satellite data. Moreover, some applications of the aforementioned satellite products combined with atmospheric models based on the effects of urban heat islands (UHIs) and aerosol-cloud interactions shall be devised.

The applicant selected for this position will be required to carry out the following:

Research work on: "Atmospheric modelling combined with hyper-spectral satellite data for the study of properties of soils and aerosol-cloud interactions".

Teaching activities and integrated services for students: The researcher selected will be required to carry out all teaching activities programmed annually by the University Department and will also be called to carry out integrated activities and services, specifically - being part of examination and graduation commissions and providing any necessary assistance and training for students enrolled in Bachelor and Master-level degree courses together with thesis assistance for students enrolled in both levels.

Research and teaching activities are to be carried out at:

The Department of Physical and Chemical Sciences, University of L'Aquila and at the CETEMPS (Centre of Excellence for the integration of remote sensing techniques and numerical modelling for the early warning of severe meteorological events).

Number of hours required for teaching and integrated activities: 350 hrs. per year.



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Total number of hours required for research, teaching and integrated activities: 1,500 hrs. per year.

Salary: Standard initial salary for confirmed full-time researchers.

Qualifications and Competence Required:

Applicants wishing to take part in the selection must possess the following qualifications:
Ph.D in Physics, or equivalent, obtained in Italy or abroad, or alternatively: V.O. Degree (past Italian degree course) in Physics or a "Specialist", or Master-level Degree, in Physics, in compliance with Italian laws: D.M. n. 509/199 and D.M. n. 270/2004. Applicants must also have a professional CV documenting their ability to carry out research in the required fields specified.

Foreign language requisite:

English

Application Period: 16.05.2014 – 16.06.2014

To consult the complete text of this announcement (in Italian) please visit the corresponding webpage in our Italian site

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