



UNIVERSIDAD DE  
CASTILLA- LA MANCHA  
Facultad de Ciencias del Medio Ambiente

### **POSTDOCTORAL POSITION OFFER**

A postdoctoral position is offered by the Climate and Environmental Modelling Group of the University of Castilla-La Mancha (<http://momac.uclm.es>).

The research work to be done is part of AMMA (African Monsoon Multidisciplinary Analysis) European Project. Details about this project can be found in <http://www.amma-eu.org>. The Principal Investigator of UCLM in this project is Miguel Angel Gaertner.

#### **Work description:**

The proposed work will consist in performing and analysing mesoscale simulations of the West African monsoon with an atmospheric limited area model (PROMES) coupled to a land-surface model (ORCHIDEE). The aims of the simulations are to analyse soil moisture – precipitation interactions and to assess the model performance in multi-year simulations over West Africa. The model will be used both in climate-mode and in short-range test cases.

#### **Requested qualifications:**

- Ph.D. in atmospheric sciences or fields related to land-surface modelling
- Experience in scientific programming (preferably in FORTRAN)
- Knowledge of Linux/Unix and use of supercomputers

Applicants with a background in atmospheric, land-surface or climate modelling will be preferred.

The successful applicant will be contracted by the University of Castilla-La Mancha and will be based at the Environmental Sciences Institute in Toledo (Spain). The position will be for 1 year, beginning by start of 2008. The annual gross salary will be 34000 euros.

Applicants should send, before November 15<sup>th</sup>, 2007, a curriculum vitae (including research experience, publications and computing skills) and names and email addresses of two references to:

[Miguel.Gaertner@uclm.es](mailto:Miguel.Gaertner@uclm.es)