



Research and Innovation Centre

Job posting – Job opportunity		Vacancy Code 037_AMB_PDEEGV
Job title	Post-doc in data analysis and modelling of interaction between ecological, environmental and genetic variables	
Duties / Tasks	Spatial and genetic data management and analysis; application of GIS based statistical methods for identification and estimation of correlations between ecological, environmental and genetic variables at a local scale; use of advance GIS and statistical software packages and development of specific procedure in compatible programming languages; model building, analysis and interpretation, parameter estimation, simulations of different global change scenarios; drafting scientific papers and reports; attending national and international conferences and workshops.	
Keywords	GIS based data analysis, spatial ecology, landscape genetics, simulations	
Contract type and length	2 years Project collaboration	
Languages knowledge	English, basic Italian	
IT knowledge	GIS software (e.g., GRASS GIS, MapInfo, ESRI), Statistical packages (e.g. R, S-Plus); Programming languages (e.g. C, Python); experience in creation of (SQL) databases	
Required title to join the selection	PhD	
Type of title	PhD in Geography, Geoinformatics, Biogeosciences, Environmental Science, Ecology	
Required experience	A two-year post-doc experience in fields related to landscape genetics, spatial ecology is required. Knowledge of analysis of geospatial data, time series analysis, remote sensing, and biodiversity modelling are preferred.	
Psychosocial skills	Capacity to work in a team and to promote coordination of research activity. Strong communication skills are required: the candidate is expected to regularly interact with other research institutions. A driving license is required.	
Starting month	October 2009	
Tutor	Markus Neteler	



General information

Selected candidates will be job-based mainly at the FEM in San Michele all'Adige (TN) and/or in Viote Monte Bondone (TN), north of Italy, however the applicants are encouraged to keep in contact with other international institution relevant for their activities.

Terms and conditions

The FEM offers 24 months Project collaboration contract, the annual gross salary is 31.214,00 Euro. There are relevant tax reductions for researchers coming to work in Italy from abroad. The position is available from 1st October 2009.

Application

The applicants are invited to send by email:

1. an up-to-date CV (please add the following phrase to your CV otherwise your application will not be considered: I consent to the use of my personal data in accordance with the provisions of decree 196/2003);
2. the filled application form available online (037_AMB_PDEEGV_Application);

The deadline for the submission of the applications is the 14th June 2009 – we will accept speculative applications after this date. People interested should send by email their responses, indicating in the object the vacancy code (037_AMB_PDEEGV), to:

Dr. Daniele Barbacovi, Fondazione Mach, risorseumane.centroricerca [AT] iasma.it

FEM will short-list the applicants. The selected and non selected candidates will be notified.

Equal opportunities

The position is open to both gender, Law n. 903, 9/12/1977, art. 1. The policy and practice of the Edmund Mach Foundation require that all staff are offered equal opportunities within employment.

Data protection code

All data supplied by applicants will be used only for the purposes of determining their suitability for the post and will be held in accordance with the principles of the Personal Data Protection Code, Legislative Decree no. 196 of 30 June 2003.