Post-doc in data analysis and modelling of interaction of ecological, environmental and genetic variables

Number of Posts: 1

Place of work: ITALY, TRENTO

Contact Euro Adviser: LAURA PITTERI
Phone: +39 0461 494551-2

JV DETAILS

Description:
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. Requirements: 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; PhD in Geography, Geoinformatics, Biogeosciences, Environmental Science, Ecology; 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. 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. 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, risorseum.centroricerca [AT] isma.it Web: http://www.fondazioneedmundmach.it/sperimentazione_context2.jsp?ID_LINK=3418&area=6

ADDITIONAL INFORMATION

Starting Date: 01/10/2009
Ending Date: 30/09/2011
Hours/Week: TEMPORARY + FULL-TIME
Experience required: Up to 2 years
Education Skills required: Higher Training, Including Academic
Minimum Salary: 31.214 EURO Gross Annually
Maximum Salary: 31.214 EURO Gross Annually
Driving licence: B
Qualification required: No

APPLICATION DETAILS

Last date for application: 14/06/2009
How to apply: Letter + CV to EMPLOYER

CONTACT DETAILS
Organisation: Fondazione Edmund Mach
Name: Dr Daniele Barbacovi
Address: via Mach, 2
Zip Code: 38010
City: San Michele all'Adige (TN)
Country: ITALY
Phone: +39 0461 615542
Fax: +39 0461 650956
E-Mail: risorseumane.centroricerca@iasma.it

EURES: EURopean Employment Services

Eures reference: 4721091
Last Modification Date: 25/05/2009
ISCO code: 21
NACE code: 73.10

Post-doc in data analysis and modelling of eco-epidemiological system dynamics

Number of Posts: 1

Place of work: ITALY, TRENTO

Contact LAURA
EuroAdviser: PITTERI
Phone: +39 0461 494551-2

JV DETAILS
Description:
Data management and analysis; application of statistical methods to the solutions of eco-epidemiological problems; use of advance statistical software packages and development of specific procedure in compatible programming languages; model building, analysis and interpretation, parameter estimation, sensitivity analysis and simulations of different scenarios; drafting scientific papers and reports; attending national and international conferences and workshops. Eco-epidemiological data analysis, population dynamic modelling, host-parasite interaction models, infectious disease dynamics. Requirements: IT knowledge: Statistical packages (e.g. R, S-Plus, GenStat); Mathematical software (e.g. Mathematical, Matlab, Maple); Programming languages (e.g. C, Fortran); PhD in Mathematics, Statistic, Ecology, Biology, Veterinary Medicine and related fields. A two-year post-doc experience in fields related to statistical and mathematical eco-epidemiology is required. Knowledge of analysis of variance and covariance, regression techniques, non-linear model fitting and analysis of differential equations including stability analysis and matrix theory are preferred. 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.

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 (038_AMB_PDES_Disciplinare_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 (038_AMB_PDES_Disciplinare). To Dr. Daniele Barbacovi, Fondazione Mach, risorseumane.centroricerca [AT] iasma.it

Web: http://www.fondazioneedmundmach.it/sperimentazione_context2.jsp?ID LINK=3419&area=6

ADDITIONAL INFORMATION
Starting Date: 01/10/2009
Ending Date: 30/09/2011

Minimum Salary: 31.214 EURO Gross Annually
Maximum Salary: 31.214 EURO Gross Annually

Contract Type: TEMPORARY + FULL-TIME

Driving licence: B

Experience required: Up to 2 years

Higher Training, Including Academic Qualification required: No

APPLICATION DETAILS
Last date for application: 14.06.2009
How to apply: Letter + CV to EMPLOYER

CONTACT DETAILS
Organisation: Fondazione Edmund Mach
Name: Dr Daniele Barbacovi
Address: Via Mach, 2
Zip Code: 38010 City: San Michele all’Adige (TN)
Country: ITALY
Phone: +39 0461 615542 Fax: + 39 0461 650956
E-Mail: risorseumane.centroricerca@iasma.it