Job description	**Selection code: 206_CRI_SEED**
Type of post and number of positions vacant	**N. 1 (one) permanent position as second band Researcher in the field of statistics applied to environmental and ecological data.**
Organisational structure and manager for the position	Research and Innovation Centre (CRI), Department of Biodiversity and Molecular Ecology, Applied Ecology Research Unit.
Requirements necessary for participation	• Master degree in statistics or mathematics; • PhD in statistics, mathematics, geography, biology, ecology, epidemiology and related scientific fields; • At least 5 years post-doc work experience in data analysis and modelling; • Knowledge of written and spoken English (minimum level B2), evaluated during the interview.
Job description	The successful candidate will provide statistical support to the research activities of the Research Unit and the Department and collaborate to the development and implementation of innovative approaches in data integration and analysis.
Duties / Tasks	• Competence in managing and analysing spatial and temporal datasets collected along cross sectional and longitudinal studies at individual, population, community and ecosystem levels. • Comprehensive experience of analysis of variance and covariance, regression techniques (including GLM, GLMM, GAM, GAMM) and multivariate analyses. • Optimizing of survey designs, including the application of power analysis. • Development and application of advance statistical software packages, with ability to develop specific algorithms for the statistical modelling of environmental, ecological and epidemiological data.
Keywords	Experimental design, statistical modelling, eco-epidemiological data analysis, geo-statistics.
Recruitment methods	By qualifications (**maximum 30 points**) and interview, (**maximum 70 points**). The results of the recruitment process will be based on the total points obtained because of qualifications and performance at the interview.
Subjects covered in the interview	During the interview, that will be in English, the following knowledge will be verified (**maximum 70 points**): • Advanced methods of statistical modelling and interpretation of ecological data (**25 points maximum, 19 required**); • Application of advance software packages and development of specific algorithms for data analysis (**20 points maximum, 17 required**); • Strategies for experimental design (**20 points maximum, 17 required**); • Knowledge of the activities and organization of Fondazione Edmund Mach (**5 points maximum, 2 required**). The candidate must obtain a **minimum mark at the interview of 55/70 points.**
Criteria for the pre-selection	On the basis of the information contained in the curricula or demonstrated by the candidates, **the best 10 applicants**, based on the highest scores obtained following the criteria below, will be selected and admitted to the interview (**maximum 30 points**): • Scientific publications in journals with Impact Factor (IF) in the field of statistics, data analysis, modelling, ecology and to their applications to life science (**between 0.5 and 2 points for each publication, depending on IF: 0.5 if IF<2; 1 if IF between 2 and 4; 1.5 if IF between 4 and 10; 2 if IF higher than 10; and up to a maximum of 15 points**).

	• Ability to manage European Funding as Workpackage Leader or Task leader of European-level projects (**between 0.5 and 2.5 points for each managed project, depending on the budget and the role in the project, up to a maximum of 10 points**). • Post-doc work experience, beyond the experience mentioned in the requirements, in the areas of statistics applied to ecological and epidemiological data analysis in highly qualified research institutions or Universities (**between 0.5 and 2.5 points for each year, depending on the relevance of the research activities, up to a maximum of 5 points**);
Knowledge of languages in the context of the Common European Framework of Reference for Languages (CEFR): level of knowledge and method of ascertainment	Knowledge of written and spoken scientific English will be verified (to be checked by an interview on a subject of a technical or scientific nature) at a minimum level corresponding to B2. *To understand the levels of knowledge required consult the dedicated page at the EUROPASS site:* https://europass.cedefop.europa.eu/it/resources/european-language-levels-cefr **In the event that it is ascertained that the candidate does not have knowledge of English corresponding with level B2, s/he will be excluded from the recruitment process.** Knowledge of English, self-certified in the pre-selection process, will be checked during the interview, as specified above. If it is ascertained that the candidate does not have knowledge of scientific English corresponding with level B2, s/he will be excluded from the recruitment process.
Methods and deadlines for communication of the calendar and location to candidates admitted to the interview/test	Candidates admitted to the interview phase will be informed of the date and location via e-mail (**NO PEC**), sent to the contact address used to send the curriculum, at least 10 days before the interview date. The interviews will be held at the Fondazione E. Mach in San Michele all'Adige (TN).
Gross annual remuneration	Permanent employee contract "CCPL Fondazioni", Second band Researcher, yearly Euro 48.637,54 including 13° and 14° months.
Deadline for presentation of applications and deadline for the conclusion of the recruitment procedure	Applications must **arrive by and no later than 23:59 C.E.T.** (the date and time of receipt shown in the electronic mail account of the Foundation shall be valid) **on October 15, 2016.** **The recruiting procedure will last maximum until April 15, 2017.**
How to present applications	Applications to participate in the selection (professional curriculum vitae and other relevant documentation), must be sent in electronic format to the e-mail address (NO PEC) **curricula@fmach.it**, indicating the recruitment code in the object of the message (**206_CRI_SEED – R2 permanent statistics**). The work curriculum must be saved with file extension: Surname Name_CV.doc , or .pdf. In cases of access issues due to disability, please contact the following telephone number +39 0461 615542.
Proof of documentation in the event of hiring and relative deadlines	By at least 10 days before the date of hiring, the candidate must provide the following, on penalty of cancellation: • Certificate of MSc in statistics, mathematics; • Certificate of PhD in statistics, mathematics, geography, biology, ecology, epidemiology and related scientific fields. • Documentation proving at least 5 years of post-doc work experience in data analysis and modelling.

Results of the selection	The results of the selection will be communicated to the candidates at the end of the recruitment procedure individually via e-mail (**NO PEC**), sent to the contact address used to send the curriculum.
Hiring conditions and categories covered by Law 68/99	It is underlined that the Fondazione Edmund Mach applies D.lgs. 368/2001, including article 5, paragraph 4 bis, which excludes the possibility of legitimately prolonging or renewing temporary contracts for equivalent roles for more than 36 months. Furthermore, the Foundation reserves the right to carry out appropriate checks in relation to the truthfulness of the information stated in the application and the enclosed curriculum. Finally, candidates are invited to state whether they belong to the categories recognised according to Italian Law 68/99 (Disability) and indicate this in the curriculum sent to participate in the recruitment process.
Handling of data	The curriculum must include the following phrase, otherwise the candidature will not be taken into consideration: **I agree to the handling of my personal data in accordance with D.lgs. 196/2003.** The candidate takes full responsibility for all the information included in the application form and curriculum vitae. The Foundation reserves the right to request documentary proof of the qualifications listed by the candidate considered suitable for the post offered.

Before carrying out the tests and/or evaluation interview, the candidate shall be identified and asked to complete a declaration, if this has not already been presented, stating:
- that he has the requirements indicated in the notice;
- that there are no reasons for incompatibility provided for by the law or linked to interests of any kind with reference to the scope of the employment;
- that he has no criminal convictions and is not subject to measures related to the application of prevention measures, civil decisions and administrative provisions registered in the criminal record;
- the truthfulness of the declarations made in the application/ curriculum and an undertaking to communicate any subsequent changes.

For any matters not covered by this recruitment notice, reference should be made to "**Regulations for the recruitment of human resources at the Fondazione Edmund Mach**".

The Director General
Dr. Sergio Menapace