



RECRUITING ANNOUNCEMENT



Organization and Human resources Division
Human Resources Development Unit

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| Job description | Selection code: 250_CRI_AE |
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| Type of post and number of positions vacant | N. 1 (one) temporary position for 30 months* as Fourth band Researcher (R4) in the field of aquatic ecology, metagenomic analysis of water samples, data analysis and project management (project ASP569 Eco-AlpsWater). |
| Organisational structure and manager for the position | Research and Innovation Centre (CRI), DASB-Sustainable ecosystems and bioresources, Hydrobiology Unit. Head dr. Nico Salmaso. * The contract cannot exceed the date of 16 April 2021, which is the end date of the project (the duration of the contract will eventually be reduced so as not to exceed the stated date). The position is within the project ASP569 Eco-AlpsWater and the duration of the contract is limited to the duration of the project. |
| Requirements necessary for participation | <ul style="list-style-type: none"> • Master of Science in the field of Ecology, Biology, Environmental Sciences, Molecular Biology, Bioinformatics and related scientific fields; • European Driving License, car category (B); • Knowledge of written and spoken English (minimum level B2), evaluated during the interview. |
| Exclusion from the recruitment process | The following may not participate in the recruitment process: temporary staff, project workers and staff who have been employed or worked on a freelance basis for the Foundation in an equivalent role for a duration of more than 6 months. |
| Job description | The position is within the project Eco-AlpsWater – Innovative Ecological Assessment and Water Management Strategy for the Protection of Ecosystem Services in Alpine Lakes and Rivers, an Alpine Space project. The candidate will be employed under the supervision of Dr. Nico Salmaso (Hydrobiology) and Dr. Claudio Donati (Computational Biology). The candidate will collaborate with the FEM researchers involved in the project Eco-AlpsWater during the activities of collection of environmental DNA (eDNA) samples, bioinformatic analysis of metagenomic data, statistical analysis of biological and environmental data. Moreover, the candidate will support the coordinator of the project (Nico Salmaso) in all the activities connected with the management of the project. |
| Duties / Tasks | <ul style="list-style-type: none"> • Formalization of protocols to analyze environmental DNA in lakes and rivers, sharing experiences within the project network and within the COST action DNAqua-Net; validating eDNA and metabarcoding protocols; • Bioinformatic analysis of metagenomic data (16S-18S rRNA sequences, <i>rbcL</i> etc.); • Statistical analysis of data; • Assessment of water quality as defined by the WFD (Water Framework Directive) criteria using both traditional and innovative (HTS) approaches; • Contribution to the preparation of project reports and scientific papers; • Contribution to the organization/implementation of technical and scientific seminars/meetings, and summer schools; • Support of the coordinator of Eco-AlpsWater in all the activities connected with the scientific management of the project, including project meetings, dissemination of results (seminars, workshops, participation to national/international conferences/congresses). |
| Keywords | eDNA, metagenomics, WFD, lakes, rivers, water quality, bioinformatic, data analysis, project management. |
| Recruitment methods | By qualifications (maximum 30 points) and interview (maximum 70 points). The results of the recruitment process will be based on the sum of points obtained from qualifications and interview. |





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| <p>Subjects covered in the interview</p> | <p>During the interview, that will be held in English, the following knowledge will be verified (maximum 70 points):</p> <ul style="list-style-type: none"> • General information on the monitoring of biological species (maximum 20 points); • Application of metagenomic/metabarcoding techniques in ecological studies (maximum 25 points); • Statistical data analyses and knowledge of statistical softwares (e.g. R) (maximum 20 points); • Knowledge of the activities and organization of Fondazione Edmund Mach (maximum 5 points). <p>The candidate must obtain a minimum mark at the interview of 45/70 points.</p> |
| <p>Criteria for the pre-selection</p> | <p>On the basis of the information contained in the Curriculum Vitae (CV), Application Form (AF) or demonstrated by candidates, it will be created a list of suitable applicants. The best 10 applicants among those suitable, based on the highest scores obtained following the criteria below, will be selected and admitted to the interview phase (maximum 30 points):</p> <ul style="list-style-type: none"> - MSc thesis on topics related to Ecology, Biology, Environmental Sciences, Molecular Biology, Bioinformatics or similar (maximum 6 points: 0 points=no relation, 2=minimal relation, 4=medium relation, 6=perfect relation); - PhD in the field of Ecology, Biology, Environmental Sciences, Molecular Biology, Bioinformatics and related scientific fields awarded within the last 6 years (maximum 9 points: 0 points=no relation, 3=minimal relation, 6=medium relation, 9=perfect relation). - Work experience (excluding MSc and PhD periods) in Ecology, Biology, Environmental Sciences, Molecular Biology, Bioinformatics or similar as employee in qualified labs/research organizations/universities (between 1 and 2 points per year of experience, depending on the relevance of topics, with a maximum of 6 points); - Number of publications with Impact Factor (IF) and/or CiteScore related to the topics mentioned above (between 1 and 2 points for each publication with IF or CiteScore, depending on the authorship/co-authorship, with a maximum of 9 points). <p>If none of the 10 shortlisted applicants prove to be suitable following interview, the Commission reserves the right to interview additional candidates.</p> |
| <p>Knowledge of languages in the context of the Common European Framework of Reference for Languages (CEFR): level of knowledge and method of ascertainment</p> | <p>During the interview of the admitted candidates, the knowledge of written and spoken English (general and scientific) will be verified at a minimum level corresponding to B2. <i>Please see the EUROPASS site:</i> 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.</p> |
| <p>Methods and deadlines for communication of the calendar and location to candidates admitted to the interview</p> | <p>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).</p> |
| <p>Gross annual remuneration</p> | <p>Temporary employee contract "CCPL Fondazioni", Fourth level Researcher, gross annual compensation Euro 33.357,19 including 13th and 14th monthly payments.</p> |
| <p>Deadline for presentation of applications and deadline for the</p> | <p>Applications must arrive by and no later than 23:59 (the date and time of receipt shown in the electronic mail account of the Foundation shall be valid) on September 16, 2018. The recruitment procedure will terminate at the latest by March 16, 2019.</p> |

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| <p>FONDAZIONE EDMUND MACH</p>  <p>ISTITUTO AGRARIO DI SAN MICHELE ALL'ADIGE</p> | <h2>RECRUITING ANNOUNCEMENT</h2> |  |
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| <p>conclusion of the recruitment procedure</p> | |
| <p>How to present applications</p> | <p>Applications to participate in the selection must be sent in electronic format via e-mail address (NO PEC) to curricula@fmach.it, indicating the recruitment code in the object of the email (250_CRI_AE temporary R4 aquatic ecology), by sending all the following documents:</p> <ul style="list-style-type: none"> i) Curriculum vitae (CV), including contact details, education, work experience, scientific publications, prizes/awards, language skills. The CV must be saved with file extension: Surname Name_CV.doc, or .pdf. ii) Application form (AF), available in the webpage of the announcement, with the required information. The AF must be saved with file extension: Surname Name_AF.doc, or .pdf. iii) A motivational letter in which the applicant describes his/her motivation to apply for the position and to conduct the research project applied for. iv) Two letters of recommendation from previous supervisors. <p><i>The incompleteness of the documentation will result in the exclusion from the selection.</i></p> <p>In cases of access issues due to disability, please contact +39 0461 615542.</p> |
| <p>Proof of documentation in the event of hiring and relative deadlines</p> | <p>By at least 10 days before the date of hiring, the candidate must provide the following documents, on penalty of cancellation:</p> <ul style="list-style-type: none"> - Master of Science certificate; - European Driving License, car category (B). |
| <p>Results of the selection</p> | <p>The results of the selection will be communicated by:</p> <ul style="list-style-type: none"> - Publication of the suitable candidate ranking on the webpage dedicated to the present recruiting, with the details of ranking order, family name, name and obtained points; - Communication to all candidates, suitable in the ranking and not suitable, at the end of the recruitment procedure individually via e-mail (NO PEC), sent to the contact address used to send the curriculum. |
| <p>Hiring conditions and categories covered by Law 68/99</p> | <p>Please note that Fondazione Edmund Mach operates in compliance with D.lgs. 81/2015 including art. 19, para 2, according to which the duration of fixed-term employment contracts between the same employer and the same employee, as a result of a succession of contracts, concluded for the performance of duties of the same level and legal category and regardless of the periods of interruption between a contract and the other, shall not exceed thirty-six months.</p> <p>Finally, candidates are invited to state whether they belong to the categories recognised according to Law 68/99 and indicate this in the curriculum sent to participate in the recruitment process.</p> |
| <p>Current Welfare and benefit</p> | <ol style="list-style-type: none"> 1. Family Audit certified company, with flexible working time and human resources management policy work-life conciliation oriented; 2. Access to the in-house canteen and cafeteria in San Michele all'Adige, card for meals out of the canteen available with the value of 6,00 Euro; 3. Bikesharing location and free car park within the campus in San Michele all'Adige and in the peripheral offices; 4. Free Wi-Fi eduroam access (Education Roaming) in the campus building in San Michele all'Adige (90% coverage) and in other companies with GARR Wi-Fi service; 5. Employee discount for the purchase of the internal winery products; |

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| | <p>6. Staff Social Club, with discount for members and promotions of sport-recreational activities;</p> <p>7. Internal periodical market with agro-food products prepared by the Foundation high school students.</p> |
| <p>Information about the processing of personal data</p> | <p>According to Article 13 of the EU General Data Protection Regulation 2016/679 ("GDPR" or "Regulation"), and in general in accordance with the principle of transparency foreseen in the same Regulation, the information regarding the processing of personal data is available in the webpage "Information about the processing of personal data". Please add the following phrase to your CV otherwise your application will not be considered: I have read and understood the information about the management of my personal data in accordance with the provisions of EU General Data Protection Regulation 2016/679.</p> <p>The Foundation reserves the right to request documentary proof of the qualifications listed by the candidate considered suitable for the post offered.</p> <p>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.</p> |

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