Recrutement prévu dans le cadre du contrat recherche
HORIZON EDAPHOS_GA 101112768

Job title	Post-doc in phytomanagement
Ref	offreEmploi_2023.10_Postdoc_HORIZON EDAPHOS
Job type (PhD, Post-doc, Engineer)	Post-doc
Contract duration (months)	12 months (renewable 2 times)
Salary	Salary according to qualifications and experiences Between 2500-2900 € gross Monthly
Qualifications (Master degree, PhD…)	Ph-D in phytomanagement
Job hours (full time/ part time)	Full time
Employer	UBFC – Université Bourgogne Franche-Comté
Host Laboratory	Laboratory Chrono-environnement
URL Host Laboratory	https://chrono-environnement.univ-fcomte.fr/?lang=en
Address Host Laboratory	Université de Bourgogne Franche-Comté UMR 6249 Laboratoire Chrono-environnement Pôle Universitaire du Pays de Montbéliard 4 place Tharradin, 25 211 MONTBELIARD
Project concept and objectives	**Issues** Soils are the backbone of healthy and vibrant ecosystems, providing substrates and physical, chemical and biological functions necessary for life. But soils are constantly threatened by pollution, creating a significant risk to human health and terrestrial and aquatic ecosystems. The EU Soil Strategy 2030 sets out a framework and concrete measures to protect, restore and ensure that soil is used sustainably. It sets out a vision and targets to achieve healthy soils by 2050, with concrete actions by 2030. **Specific objectives** EDAPHOS is a R&I project that aims to implement innovative nature-based technologies for monitoring polluted soils and remediation to accelerate their reclamation and ensure that the processes developed can integrate a commercial offer. The ambition of the project revolves around 5 major objectives: 1. Improving remote sensing contaminated soil monitoring by combining multi-scale, multispectral and multi-modal information 2. Improve and democratize methods for ecological risk assessment and analysis of ecosystem services 3. Implement and demonstrate the effectiveness of nature-based solutions through their deployment on 7 study sites (ES, FR, GR, IT, PO) 4. Making phytoremediation an opportunity for society and a traditional commercial enterprise 5. Facilitate data analysis and integration into a spatial planning model using artificial intelligence (AI)

Job description	The key elements of the proposed post-doc position are: 1. Design and implementation of lab and field trials related to the specific objective 3 above (WP3 of the project). 2. Soil and plant analysis, statistical analysis and interpretation of the data; contribution to the DMP (data management plan) set-up, 3. Co-lead the deliverable linked to WP3 4. Co-lead project management tasks (meeting organization, minutes of the meetings) 5. Participation in communication tasks (participation in EU events, follow up social media, in international / national conferences)
Supervisor(s)	CHALOT Michel michel.chalot@univ-fcomte.fr; CIADAMIDARO Lisa lisa.ciadamidaro@univ-fcomte.fr
Candidate profile	The following skills are required: 1. Candidates should possess a degree in plant biology, environmental sciences, together with at least 3-4 years job-related experience (inc. Ph-D) on phytomanagement 2. Candidates are expected i) to lead and contribute to scientific publications, policy briefs and technical reports that require clear, well-structured texts. In this case, a high level of written and oral English is required; ii) to organize, plan and lead scientific meetings with European partners (held in English) 3. Candidates are expected to contribute to project management tasks; some skills in project management are desirable
Keywords	Research, communication, project management, phytomanagement,
Application deadline	31/10/2023
Starting Job	08/01/2024
Application *Depending on the type of position*	***Post-doc position*** *Please send the following documents (all in one PDF file) by e-mail to* michel.chalot@univ-fcomte.fr *1) For EU candidates: Copy of your national ID card or of your passport page where your photo is printed.* *For non-EU candidates: Copy of your passport page where your photo is printed.* *2) Curriculum Vitae (may include hyperlinks to your ResearchID, Research Gate Google Scholar accounts).* *3) Detailed list of publications (may include hyperlinks to DOI of publications).* *4) Letter of motivation relatively to the position (Cover Letter) in which applicants describe themselves and their contributions to previous research projects (maximum 2 pages)* *5) Copy of your PhD degree if already available.* *6) Coordinates of reference persons (maximum 3, at least your master thesis supervisor): Title, Name, organization, e-mail.* *If you have questions regarding the application, please contact the supervisors.*