

**Recrutement prévu dans le cadre du contrat recherche  
HORIZON-IASIS**

<b>Job title</b>	<b>Post-doc in phytomanagement (EU HORIZON project IASIS)</b>
<b>Ref</b>	offreEmploi_2024.05.Postdoc_projet HORIZON IASIS
<b>Job type (PhD, Post-doc, Engineer)</b>	<b>Post-doc</b>
<b>Contract duration (months)</b>	12 months (renewable for a similar period)
<b>Salary</b>	2000-2200 € net salary
<b>Qualifications (Master degree, PhD...)</b>	Ph-D in microbiology / plant biology / ecological engineering
<b>Job hours (full time/ part time)</b>	Full time
<b>Employer</b>	UBFC – Université Bourgogne Franche-Comté
<b>Host Laboratory</b>	Laboratory Chrono-environnement
<b>URL Host Laboratory</b>	<a href="https://chrono-environnement.univ-fcomte.fr/?lang=en">https://chrono-environnement.univ-fcomte.fr/?lang=en</a>
<b>Address Host Laboratory</b>	Université de Bourgogne Franche-Comté UMR 6249 Laboratoire Chrono-environnement Pôle Universitaire du Pays de Montbéliard 4 place Tharradin, 25 211 MONTBELIARD
<b>Job description</b>	<p>The postdoctoral project will be part of a transdisciplinary research consortium (2024-2028). This large EU collaborative project involves several partner laboratories and proposes the selection of high-yielding, non-food (industrial) crops that will provide biomass feedstock to develop intermediate and end bioproducts, following a cascading biorefinery approach, via economic-viable value chains. The key elements of the proposed post-doc position are:</p> <ul style="list-style-type: none"> <li>• to optimize crops (improved genotypes) and phytomanagement strategies (microbial consortia) for contaminated soils that will be tested and validated both in lab scale and in field case studies;</li> <li>• to produce feedstock for the value chains and the bio-products development as well as to engage and train the farming community</li> </ul>

	<ul style="list-style-type: none"> <li>to design and enhance defined microbial consortia to improve natural pathways and activities.</li> </ul>
<b>Supervisor(s)</b>	CHALOT Michel michel.chalot@univ-fcomte.fr
<b>Candidate profile</b>	<p>The following skills are required:</p> <p>1) Molecular biology / biochemistry / microbiology : Candidates should possess a degree in biology, microbiology, environmental sciences, together with at least 2-3 year job-related experience (inc. Ph-D) on ecological engineering (phytomanagement), soil microbiology, microbial and plant physiology with the use of molecular approaches</p> <p>2) Communication / dissemination : 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)</p>
<b>Keywords</b>	microbial consortia, ecological engineering, microbial resources, phytomanagement,
<b>Application deadline</b>	31/05/2024
<b>Starting Job</b>	01/09/2024
<b>Application</b> <i>Depending on the type of position</i>	<p><i>Please send the following documents (all in one PDF file) by e-mail to <b>michel.chalot@univ-fcomte.fr</b> :</i></p> <p><i>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.</i></p> <p><i>2) Curriculum Vitae (may include hyperlinks to your ResearchID, Research Gate Google Scholar accounts).</i></p> <p><i>3) Detailed list of publications (may include hyperlinks to DOI of publications).</i></p> <p><i>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)</i></p> <p><i>5) Copy of your PhD degree if already available.</i></p> <p><i>6) Coordinates of reference persons (maximum 3, at least your master thesis supervisor): Title, Name, organization, e-mail.</i></p> <p><i>If you have questions regarding the application, please contact the supervisors.</i></p>