



**2018-IPR-D-000-010138**

**LUCAS Soil 2018**

<p><b>Position for:</b></p> <p>Trainee</p>	<p>As the science and knowledge service of the Commission, the mission of Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle.</p> <p>The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <a href="http://www.jrc.ec.europa.eu">http://www.jrc.ec.europa.eu</a></p> <p><b><u>Short description of activity:</u></b></p> <p>The Land Resources Unit of the Sustainable Resources Directorate is looking for a highly motivated trainee to support the Soil Natural Capital project in relation to its activities in relation to the soil component of the Land Use and Coverage Area frame Survey (referred to as LUCAS Soil).</p> <p>LUCAS, coordinated by EUROSTAT, is the principle assessment mechanism for land cover and land use change for the EU. Since 2009, the JRC has been responsible for the soil component, which collects samples from over 25,000 locations for laboratory analysis. The results of the survey feed into a range of policies (agriculture, climate, environment) that impact land and soil functions. The 2018 survey has a number of novel developments, including DNA analysis to assess soil biodiversity. Full details are available here: <a href="https://esdac.jrc.ec.europa.eu/projects/lucas">https://esdac.jrc.ec.europa.eu/projects/lucas</a></p> <p>The trainee will: provide logistical and analytical support during the execution of the survey, especially in relation to the rapid processing of samples for DNA analysis; undertake data mining on historical LUCAS data and present the results on a relevant spatial framework; contribute to several policy reports based on the analysis of 2015 LUCAS data.</p>
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	<p><b><u>Qualifications:</u></b></p> <p><b><u>Essential:</u></b></p> <ul style="list-style-type: none"> <li>• University degree or Master’s degree in field of soil science or environmental sciences or equivalent</li> <li>• Good knowledge of spoken and written English (B2 level)</li> <li>• Strong interest in soil.</li> <li>• Good communication, in particular, written and inter-personal skills, and ability to work as part of a team.</li> </ul> <p><b><u>Advantage:</u></b></p> <ul style="list-style-type: none"> <li>• Practical experience in fieldwork, laboratory analysis and knowledge of statistical/GIS processing of environmental data will be considered an advantage.</li> <li>• Knowledge of other European languages will be considered as an advantage.</li> </ul> <p><b><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></b></p> <p><a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</a></p>
<b>Unit /Directorate</b>	Sustainable Resources (D) Land Resources Unit (D.3)  Further information: <a href="http://esdac.jrc.ec.europa.eu/">http://esdac.jrc.ec.europa.eu/</a>
<b>Indicative duration</b>	5 months
<b>Preferred starting date</b>	As soon as possible
<b>JRC Site</b>	Ispra
<b>Country</b>	Italy
<b><u>JRC contact details</u></b>	<b>For any technical problems with your application, please contact:</b> <a href="mailto:HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu">HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</a>