**PROJECT REFERENCE NUMBER: IES-2010-301021**

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| **Post- Doctoral Research Project Title** | **Linking Land Use, Soil Functions and Biodiversity Impacts in Life Cycle Assessment** |
| **Project Description**<br><br>**Qualifications** | The candidate will contribute to European policy analysis in the context of life cycle impact assessment, developing further the integrated environmental assessment methods with a focus on soil quality and land use.<br>The impacts on ecosystems from land use and management will be quantified. This includes, for example, the application of compost to agricultural land, quantification of the relative environmental costs/benefits of using compost as a soil improver, as well as cross-comparison with impacts from other stressors on ecosystems.<br>The research will be conducted closely with the SoilTrEC FP7 project and with the European Platform on Life Cycle Assessment, in particular the International Reference Life Cycle Data System (ILCD). This will include conducting case studies.<br><br>The ideal candidate has a PhD in environmental science or a similar subject, or alternatively a university degree and 5 years research experience after the university degree giving access to doctoral studies. Experience in life cycle impact assessment and impacts on ecosystems associated with land use and soil quality is required.<br><br>Good knowledge of spoken and written English is essential, as this is the main working language.<br><br>Relevant publications and presentations should be highlighted.<br>The Joint Research Centre is an equal opportunity employer and is committed to increasing the diversity of its staff. It welcomes and applications from women and minority groups. |
| **Duration** (12 - 36 months)<br><br>**Provisional starting date** | 36 months<br><br>October/November 2010 |
| **Scientific Responsible** | D. Pennington |

Further information can be found at:
http://lct.jrc.ec.europa.eu/
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