

**PROJECT REFERENCE NUMBER: IES-2011-301105**

<b>Post-Doctoral Research Project Title</b>	<b>Integrated modeling of GHG from forests</b>
<b>Project Description</b>	<p>The Unit "Climate Change and Air Quality" provides scientific support for the development and monitoring of European policies in the area of climate change. In this context, the capacity to model GHG emission from forests at EU MS level, consistently with IPCC/UNFCCC requirements for LULUCF (Land Use Land Use Change and Forestry), is currently being developed by the action "Biosphere, Climate and Human Interactions" in collaboration with the action "Forest". In the long term, an integrated modeling framework needs to be developed in order to assess the overall impacts of future EU policies on land use emissions. This requires establishing stable and consistent links between economic, land use allocation, agriculture and forest models.</p> <p>In this context, the objective of the project is to support the development of an integrated modeling framework by linking the existing ongoing work on forest modeling to economic and land use allocation models existing at JRC.</p>
<b>Qualifications</b>	<p>The ideal candidate should have a PhD in Forestry, Environmental modeling, Environmental science or related fields (or a University degree <u>and</u> 5 years of research experience after the university degree giving access to doctoral studies).</p> <p>Experience in the field of forest modeling and/or model development/integration is required.</p> <p>Good knowledge of spoken and written English is required. The knowledge of another community language would be an advantage.</p> <p>Relevant publications and presentations should be highlighted.</p> <p>The Joint Research Centre is an equal opportunity employer and is committed to increasing the diversity of its staff. It welcomes applications from women and minority groups.</p>
<b>Duration (12 - 36 months)</b>	24 Months
<b>Provisional starting date</b>	2 <sup>nd</sup> Semester 2011
<b>Scientific Responsible</b>	Giacomo Grassi

Further information can be found at:

<http://ies.jrc.ec.europa.eu/>

<http://ies.jrc.ec.europa.eu/the-institute/units/climate-change/bioclim-action.html>

<http://ies.jrc.ec.europa.eu/index.php?page=92>

*Institute for Environment and Sustainability - Action: Climate Change and Air Quality Unit - Unit H02*