



2016-IPR-G-000-6613

**Global Human Settlement Atlas  
(GHS-Atlas)**

<p><b>Position for:</b></p> <p>Trainee</p>	<p><b><u>Short description of activity:</u></b></p> <p>The successful candidate will carry out scientific and technical tasks in the Global Security and Crisis Management Unit, in particular he/she will contribute to better application and use of the Global Human Settlement (GHS) baseline data and derived indicators in the context of the JRC GHS Layer project. The project produces information supporting the implementation of EU regional urban policy and the 4 international post-2015 frameworks, namely Sendai Framework for Disaster Risk Reduction, Sustainable Development Goals, Climate Change and the Global Urban Agenda.</p> <p>Its main objectives are:</p> <ul style="list-style-type: none"><li>• to establish baseline spatial data for GHS indicators using satellite data combined with population and socio-economic data;</li><li>• to consolidate remote sensing based methods and systems for reliable automatic information gathering and analysis at the global scale.</li></ul> <p>The project also supports international scientific partnerships on advancing the Remote Sensing of Human Settlements within the remit of implementation of the family of post-2015 international frameworks including the Group of Earth Observation and collaborations with Brazil, China and South Africa.</p> <p>In detail, the trainee will contribute to the editing of the GHS-Atlas and the online documentation of the GHS data that will be released in the October 2016 in concomitance with the Habitat III conference. The documentation will include description of the data characteristics, production methods, and best practices and example of use collected from the expert working group. The trainee will be also involved contributing to test cases and best practices examples.</p> <p><b><u>Qualifications:</u></b></p> <p><b><u>Essential:</u></b></p> <ul style="list-style-type: none"><li>• Academic background in environmental science, geography, urban and territorial planning, political science, engineering, or philosophy;</li></ul>
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	<p>Good knowledge of English (level B2) as working language is essential for the traineeship</p> <p><u>Advantage:</u></p> <ul style="list-style-type: none"> <li>• Experience in interdisciplinary projects, communication of science to general public and science-policy interface;</li> <li>• Excellent skills with respect to: communication; English writing, search through data, analyse, and summarise critical information;</li> <li>• Knowledge of the MS Office package.</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>Institute/Directorate Unit</b>	<p>IPSC G02 GHSL - ID 224 Further information: <a href="http://ipsc.jrc.ec.europa.eu">http://ipsc.jrc.ec.europa.eu</a></p>
<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>	<p><b>For any technical problems with your application, please contact:</b> <a href="mailto:JRC-ESRA@ec.europa.eu">JRC-ESRA@ec.europa.eu</a></p>