



2016-IPR-H-000-6357

Mapping Land Cover with Very High Resolution Skybox Images

<p>Position for:</p> <p>Trainee</p>	<p><u>Short description of activity:</u></p> <p>The Land Resource Management Unit is looking for a highly motivated trainee to support its work on monitoring the sustainable use of natural resources, in particular in the context of protected areas. This activity builds on the objectives of the EC Biodiversity Strategy, and considers how they can be achieved in the context of the international development targets.</p> <p>The objective of the project is to test the suitability of very high resolution Skybox images to map land cover and its dynamics over a case study area in the Pacific Rennell Island.</p> <p>In particular, the trainee will:</p> <ul style="list-style-type: none">• Contribute to the quality assessment of the Skybox time-series image data in terms of geometry and radiometry;• Familiarize with the IMPACT tool for land cover mapping and apply this methodology to map land cover/land cover change for the Rennell Island case study by using the Skybox images. <p><u>Qualifications:</u></p> <p><u>Essential:</u></p> <ul style="list-style-type: none">- Strong background in remote sensing with a particular focus on very high resolution image processing and classification;- MSc in Geography, Geoinformatics, Forestry or a closely related science;- experience with GIS;- good knowledge of spoken and written English (level B1);- good communication and inter-personal skills and ability to work in a team. <p><u>For general eligibility requirements, please read the rules governing the</u></p>
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	<u>traineeship scheme of the JRC:</u> https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees
Institute/Directorate Unit	Institute for Environment and Sustainability (IES) Land Resource Management Unit (H05) SPACE (Space Policy and the Copernicus Programme)
Indicative duration	5 months
Preferred starting date	A.S.A.P.
JRC Site	Ispra
Country	Italy
<u>JRC contact details</u>	For any technical problems with your application, please contact: JRC-ESRA@ec.europa.eu