

Training Opportunity for Belgian Trainees

Reference	Title	Duty Station
BE-2016-EOP-SA	Electronic tools for Earth Observation related Education and Capacity Building	ESRIN
<p><u>Overview of the unit's mission:</u></p> <p>The Earth Observation Science Strategy, Coordination and Planning Office is responsible for supporting the development of the overall science strategy for the Directorate, for the management of mission selection procedures, and for the preparation and coordination of all science and preparatory activities.</p> <p>Within its remit the Office is also coordinating and developing education, training and capacity building activities/material in scientific Earth Observation Remote Sensing, aimed at mainly secondary schools and Universities, as well as partially covering tertiary educational levels.</p>		
<p><u>Overview of the field of activity proposed:</u></p> <p>In ESA's Science, Applications and Future Technologies Department of the Directorate of Earth Observation Programmes, the candidate shall work in the Science Strategy Coordination and Planning Office. In the context of Education and Capacity Building, the candidate shall:</p> <ul style="list-style-type: none"> • Examine and review the educational software tools, specifically LEOWorks and propose and implement improvements and advancements. • Preparation of educational material/exercises using LEOWorks with Copernicus Sentinel Data • Review EO educational material available in electronic form (e.g. Living Planet and Cryosat i-books) and make proposals for dedicated educational features/material in electronic form (e.g. additional e/i-books, electronic Atlas, EO-Education related APPs etc.) • Support the preparation and development of candidate material for Massive Open On-line Courses (MOOCs) 		
<p><u>Required education:</u></p> <p>Background in Earth Observation Remote Sensing. Basic background in image processing software packages, such as LEOWorks, SNAP, BEAM, ERDAS Familiarity with electronic books and Earth Observation Remote sensing related APPs</p>		