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| Name SURNAME: ir. Isabelle PICCARD | |  |
| Function: | Senior researcher | |
| Institution: | VITO (Vlaamse Instelling voor Technologisch Onderzoek) <input type="checkbox"/> Funding Agency x research partner | |
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| Phone: | +32 14 33 68 45 | |
| Division | VITO Remote Sensing | |
| Areas of Expertise: | | |
| <p>Development of practical remote sensing applications for crop monitoring. This includes:</p> <ul style="list-style-type: none"> - Image processing (from raw image data to biophysical parameters) - Development of geo-information products for crop monitoring (incl. variability mapping, damage assessment,...) and yield assessment. - Development of user friendly web services for accessing, visualizing and analysing geo-information products | | |
| Short Description of your Institution: | | |
| <p>VITO is a leading European independent research and technology organisation in the areas of cleantech and sustainable development, elaborating solutions for the large societal challenges of today. VITO provides innovative and high-quality solutions, whereby large and small companies can gain a competitive advantage, and advises industry and governments on determining their policy for the future. VITO has 750 highly-qualified employees who work on international projects all around the world.</p> <p>VITO Remote Sensing develops innovative customer oriented solutions as well as scientific support to enable society to collect, access and use reliable geo-information, based on remote sensing, in order to support sustainable land management.</p> <p>VITO's remote sensing activities can be allocated to three main domains:</p> <ul style="list-style-type: none"> - Processing and distribution of satellite and airborne imagery, - Development of remote sensing applications in different fields such as agriculture, biodiversity, climate, water and coastal zones, security,... - Development of new remote sensing systems, platforms and instruments. | | |
| Role in the project: | | |
| <p>VITO Remote Sensing will be responsible for the collection, processing and interpretation of the UAV and satellite images over the pilot sites and will link the project results to the WatchITgrow platform for potato monitoring in Belgium.</p> | | |

Date,20/03/2017