



Thesis/Internship: Crop Classification

Company description

eLEAF is a Netherlands-based high-tech company specialized in the processing of satellite imagery in order to determine quantitative data on water, vegetation and climate. This data is used to support sustainable water use, increase food production, and protect environmental systems. eLEAF is active worldwide and has completed projects in over 30 countries. eLEAF's product offering is targeted at the entire agri-business value chain ranging from farmers to food processors as well as non-profit organizations, public institutions, and governments.

eLEAF's mission is to be the global reference in supply of reliable data on water and vegetation on any land surface to support sustainable water use, increase food production, and protect environmental systems. More information about eLEAF can be found on www.eleaf.com.

Job description

eLEAF has opened a position related to automatic crop classification based on satellite imagery. During the thesis or internship existing algorithms will be tested and validated against available information on crops as collected in South Africa over past seasons. Based on these tests the best algorithm will be selected and ideally improved to the final classification methodology. The final set of algorithms has to be operationalized in our IT systems and tested for multiple locations in the world.

What we ask

- Experience with image processing
- Strong programming knowledge
- Independent worker
- Experience with python and q-gis is considered an advantage

What we offer

- Internship position in a dynamic internationally oriented company
- Workplace in Wageningen
- Introduction to the growing industry of remote sensing in agriculture
- Internship compensation

Application

Applications for this vacancy can be addressed to Mr Maurits Voogt, Managing Director of eLEAF and sent to maurits.voogt@eleaf.com.