



Weather Impact

Internship or thesis research

Pest and disease forecasting for small grains in Africa

Weather Impact

Weather Impact BV is a Dutch company that aims to provide smart weather solutions to strengthen agricultural decision making. The mission of Weather Impact is to equip agronomical organizations with innovative weather and climate information to optimize food production and quality, to reduce usage of scarce inputs and to improve environmental and human wellbeing. Our user friendly services are based on global forecasting and satellite monitoring data, combined with local data and expertise. Weather Impact offers an inspiring environment with creativity, challenging assignments and room for personal growth and development.

Who are you?

We are looking for an enthusiastic student with interest in weather, climate and agriculture. You are in the final phase of a Master degree in Meteorology, Physics, Geosciences, Agronomy or comparable. You:

- have excellent programming skills (e.g. R, Python or Matlab)
- love crunching data and have some experience with machine learning
- think independently of creative solutions
- have good communication and writing skills in English

Assignment

The FAO estimates that up to 40% of global crop yields are reduced each year due to damage caused by pests. Crop losses have a huge impact on the livelihoods of small scale farmers. Rising temperatures and humidity as a result of climate change may contribute to a higher prevalence of crop pests and diseases. Access to reliable and timely pest and disease forecasts can increase the resilience of small scale farmers and reduce the risk of major crop losses. Your assignment is to design a model that identifies risk of wheat fungal leaf disease based on climatic data such as air temperature, precipitation and relative humidity.

What do we offer?

At Weather Impact you can expect room for initiative and implementation of your own ideas. We are a young company working in an international environment with a dedicated team of colleagues. Our office is located in a historic building near the city centre of Amersfoort and at walking distance from Amersfoort Central station. As a bonus we offer excellent coffee.

Interested?

For more information about Weather Impact, please check www.weatherimpact.com. If you have any questions concerning this advertisement, please contact Saskia van Pelt at +31 (0)33 4753535. To apply, please send a CV and motivation letter to info@weatherimpact.com.