

Thesis/Internship/Volunteering Position Monitoring Climatic Conditions

Location: JustdiggIt office in Amsterdam, or work remotely.

JustdiggIt (www.justdiggIt.org) is a non-profit organisation working on landscape restoration in Africa to make a positive climate impact. We believe in the power of nature and that together, we can cool down the planet. So far, we've regreened over 60,000 hectares and brought back 5 million trees in Kenya and Tanzania but we're not done yet!

In the next 10 years it is our ultimate goal to reach 350 million farmers and inspire & activate them to restore all degraded land on the African continent by combining traditional farming techniques with data and modern technology.



An ambitious mission which we can only achieve with the right team. This is why we might be looking for you!

Role & Responsibilities

We are looking for a student or volunteer to help us better understand how we can monitor climatic conditions in our project areas.

Within the monitoring strategy of our projects, several climatic conditions are included. As the scale of our projects is growing, the question arises how these climatic conditions can be monitored best. The goal of the proposed research would be to:

- Compare available data sources (e.g. JustdiggIt weather stations, external weather stations, remote sensing data) and their correlation.
- Find out which data sources (e.g. local weather stations, remote sensing, etc.), processing methods and validation mechanisms can be used best to accurately assess climatic conditions in our project areas on a growing scale.

Required experience and skills

- Student (bachelor or master) or graduated in meteorology, climatology, earth sciences, environmental sciences, or related field.
- Knowledge of weather stations and other sources of meteorological data.

We offer

- Be part of a great mission: regreen our planet!
- As part of a fast-growing organisation, there will be ample room for personal and professional development.
- Great colleagues and a diverse team, a good atmosphere, working in an international setting from the city centre of Amsterdam.
- Travel expenses covered.
- If you do this as an intern or thesis assignment, we can provide you with an allowance of €250 per month.

We are committed to building a team that includes and welcomes people of different genders, ethnicities, faiths, sexual orientations, and other diverse backgrounds.

If you believe you are the right person for this role, please send your CV and motivation letter to thijs@justdiggit.org