

Geospatial Intern

WeForest asbl/vzw (non-profit)
Position Office in Brussel
Internship contract

CONTEXT

WeForest is an international non-profit association headquartered in Belgium with the mission to conserve and restore the ecological integrity of forests and landscapes, engaging communities to implement and deliver lasting solutions for climate, nature and people. We promote science and best practices in a culture of sharing and inclusion, so that others can replicate and augment what we do.

JOB PURPOSE

WeForest is seeking a highly motivated individual to join its geospatial solutions team as a Geospatial Intern (Geospatial, Remote Sensing).

Our team is looking for an applicant that can utilize remote sensing/geospatial technologies to provide technician level support for natural resource applications including basic image interpretation and analysis, routine data processing and management, map plot composition and production, and documentation, including report assembly and dissemination.

The candidate must have a “can do” attitude and looking for new challenges who can adapt to a fluid work environment and an occasionally demanding schedule. In return, you will be a part of a motivated, highly skilled team and contribute to the growth and positive direction of our projects.

MAIN RESPONSIBILITIES

- Classify satellite image;
- Map canopy cover;
- Monitor soil moisture.

REQUIRED SKILLS & QUALIFICATIONS

- You have proven expertise in remote sensing data processing and geo-information systems;
- You have sound programming skills in Python, or R, or Google Earth Engine;
- Expertise in applying machine learning techniques on remote sensing data is an asset;
- Specific expertise in SAR Remote Sensing is an asset;
- Writing and presentation skills in English is key;
- Ability to process, analyze, and model data in geospatial software (e.g., QGIS, Esri ArcGIS).
- Knowledge of satellite imagery.
- Proficiency in coding with Python (Jupyter notebooks, Anaconda), or R (raster and/or terra, RStudio), or Google Earth Engine.
- Experience in the use of geospatial technologies to forest mapping and monitoring.
- Excellent knowledge of Microsoft Word, Excel, and PowerPoint, working knowledge of Google Docs, working knowledge of Microsoft Exchange.
- Attention to detail and a sense of responsibility.
- Strong teamwork skills.
- Good communication in English (written and spoken) and interpersonal skills
- Willingness to learn.
- You have a strong interest in working in an international environment.

EDUCATION

Bachelor or Master student in Science, Engineering, Environmental studies or equivalent. Or professional certification in geography, GIS, or remote sensing.

OUR OFFER

- Be part of a motivated and highly skilled team in an international environment.
- Contribute to promoting Forest and Landscape Restoration.
- 3 months full-time internship, can be extended to 6 months.
- We provide a daily allowance to cover transport and food expenses.

HOW TO APPLY

Please send applications in English to recruitment@weforest.org with your CV, and a motivation letter by June 30, 2023. Due to the anticipated high number of applicants, only shortlisted candidates will be contacted for an interview. We thank you in advance for your interest.