

JOB DESCRIPTION

FOREST CARBON MODELING EXPERT (H/F)



What if you put your energy towards a career that has a positive impact ?

CONTEXT

To ensure the multifunctionality of over 1000 projects over 30 years, Reforest'Action is committed to monitoring the implementation and assessing their impact over this period. This is crucial to guarantee the existence and sustainability of these projects.

In the meantime, to reach the goal of 1 billion trees planted in the coming 10 years, Reforest'Action is linking its activities to the Voluntary Carbon market. The VCM is a market-based mechanism designed to reap the low-hanging fruits of climate change mitigation. In this context, we are looking for a junior carbon/ climate impacts modeling expert.

His/her main missions will be to model GHG sequestration of various forestry projects across the globe, and to implement tools to enable impact assessment of our projects on climate, in line with carbon standards requirements.

YOUR KEY MISSIONS

Reporting to the Impact Manager, you will be in charge of the following missions :

1. GHG sequestration estimation for forestry projects

- Study of the incoming projects and evaluation of their potential for GHG sequestration, in collaboration with our project officers and their local partners
- Evaluation of the GHF sequestration potential of our former projects, with existing tools and tools developed
- Watch on new methods for forestry developed by carbon certification standards (e.g Gold Standard and VCS), and application of the methods for existing or incoming corresponding projects

2. Climate Impact assessment tools development

- Participation to the development of tools for estimating impacts on climate (mainly through GHG sequestration), and identifying confidence levels for estimates
- Participation to the development of visualization tools about forestry projects evolution
- Enrichment and updating of the tools with needed and latest data

PROFILE

Your Qualifications and experiences

- MSc in modeling, engineering, ecology or environmental science
- Focus on ecosystem dynamics, with an emphasis on forest as a preference
- Practical experience in modeling ecosystem dynamics
- Strong knowledge in statistical analysis
- Proficiency in Excel and QGIS
- Basics of coding (HTML, Python, JS, CSS) is a plus
- Experience in carbon certification programs (e.g. Gold Standard and VCS) is a plus

Your Skills & attitudes

- Passionate by nature and ecology, excellent general understanding of forest and ecosystem restoration

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- Comfortable with working independently, as well as working in a team
- Strong research and analytical skills
- Proactive, result-oriented and flexible in a context of fast paced environment
- Curiosity, ability to learn fast and to deliver on topics recently learnt
- Fluency in English is mandatory, French is an asset

ABOUT DE REFOREST'ACTION

- **Mission**

Forest specialist, Reforest'Action is a **B Corp** certified company whose mission is to preserve, restore and create forests around the world, in response to the climate emergency and the erosion of biodiversity. To do this, Reforest'Action selects forestry projects, supports them and ensures their quality in order to develop their multifunctionality in the long term. Since its creation in 2010, Reforest'Action has financed more than 23 million trees in 43 countries thanks to the contribution of 3,000 companies and 400,000 citizens. In 2021, Reforest'Action has been recognized as partner of the United Nations Decade on ecosystem restoration, as an Actor. More information on www.reforestaction.com/en.

- **Team & values**

We are a team of 70 passionate and committed talents around the world. We deploy our energy to the challenges and benefits of reforestation, in France and internationally. We strive to embody the values of ***openness, care*** and ***humility*** and we hope you will share them too.

- **Recrutement process & Useful information**

After a first interview with a member of the HR Team, you will also meet with a member of your future team. We will do our best during this process to make ourselves available to answer all your questions, to be transparent in our feedback and to show kindness during our exchanges.

- .Position based in Rueil Malmaison (near RER A)
- .Contribution Navigo pass et lunch card
- .Regular remote
- .Occasional trips
- .Full-time contract

- **Diversity**

Reforest'Action wishes to create an inclusive and proposed team. We respect and appreciate the richness and diversity of cultures, skills and experiences. We allocate applications from all walks of life without discrimination based on gender, age disability or religion.

Joins us ! Send your CV and cover letter at recrutement@reforestaction.com

Unless you object, the applications received are kept for 2 years.