



*"Earth Observation for Social & Environmental Impact"*

## BIOMASS REMOTE SENSING DATA SCIENTIST

*Full-Time (on-site/hybrid)*

### COMPANY

Space4Good is an innovative social enterprise utilising earth observation technology for social and environmental impact. Combining remote sensing, GIS and artificial intelligence, we map, analyse and model complex ecosystems and support leading organisations and institutions on topics such as nature-based solutions (NBS) and climate change. By doing so we help impact makers on the ground to make more informed decisions, improve operational efficiency, create data-driven transparency and unlock new revenue sources at scale.

### ROLE & RESPONSIBILITIES

We are looking for a **remote sensing data scientist** who will help our team in **spatial modeling** and monitoring of **above-ground biomass and carbon sequestration** across our project and product portfolio. In particular, you will research, develop and apply cutting-edge models, algorithms and techniques to analyze earth observation data to **assess and predict vegetation patterns and dynamics** in the context of biomass. You will have the chance to work both on new application developments as well as advancing our existing work on **illegal logging detection, afforestation monitoring, carbon estimations** as well as **biodiversity identification** working for clients such as Amnesty International, Ecosia, South Pole, Rabobank and many leading conservation and knowledge organisations. You will be part of European working groups and MRV collectives in which we **discuss and define the future and accurate, transparent and scalable biomass assessments** and advise our partners and clients on best practises including **certification**.

### PROFILE

We are looking for somebody who has:

- +2 years of vegetation remote sensing experience preferably within forest and/or agroforestry systems
- +1 years of applied knowledge of above-ground biomass assessments and modeling
- Strong, applied knowledge of spatial modeling, statistical analysis and machine learning
- Programming skills in Python and preferably Google Earth Engine (JavaScript)
- Experience working with QGIS and cloud-based computing platforms as a plus
- Preferably knowledge of carbon standards and certification processes
- Preferably agile project management experience
- Pragmatic problem solving skills and can-do initiative
- Reliable with the ability to work independently and among diverse team members
- Fluent in English
- Available on a full-time basis working regularly from our office in The Hague
- Passion for social and environmental impact!

### JOIN US!

Space4Good is a certified B. Corp that achieves its mission through a service leadership approach and impact-first principle. We engage with partners and clients with the highest impact potential and have been recognised by many awards such as the Geospatial Top 100 and Meaningful Businesses Top 100. This is a unique opportunity to engage in meaningful professional and personal development within a work environment of trust, initiative, collaboration and customer orientation to tackle the most pressing issues of our environment and society. Sounds like your dream job? Tell us why and attach your CV to [careers@space4good.com](mailto:careers@space4good.com).