

Student assistant – Supply chain modelling / R programming / Land use and Biodiversity loss assessment

The 'Global Resource Use' Research Group at the Institute for Ecological Economics, Vienna University of Economics and Business (WU), invites applications for a student assistant position within the framework of the Horizon Europe project BAMBOO (<https://bamboo-horizon.eu>). The successful candidate will be part of an international team **developing supply chain and trade models and investigating the supply chain impacts on ecosystems and biodiversity globally.**

Responsibilities:

- Process large amounts of data on the supply and use of biofuels, biochemicals, fish and seafood, and wood products.
- Support research that improves our understanding of the environmental consequences of trade and consumption of bio-based products (food and non-food).
- Collaborate on EU- and FAO-funded projects that examine biodiversity and deforestation impacts in the context of international supply chains.

Qualifications:

- Excellent programming skills in R including the data.table and tidyverse libraries (see <https://github.com/fineprint-global/fabio>).
- Enthusiasm for data crunching, analytical thinking, and precision.
- Interest in the environmental impacts of global supply chains.
- Experience in handling and analysing geo data as well as knowledge of relevant R (or Python) packages is an advantage.
- Knowledge of GAMS is an advantage.

We offer:

- Excellent working conditions, modern facilities, friendly and supportive team.
- Flexible working hours, 15-30h per week.
- Payment in accordance with the Austrian collective agreement for university employees (1,300 Euro gross per month for 20h).
- Your work can be combined with your master's thesis.
- Possibility of extension after graduation, potentially as a PhD student.
- The position is open as of April 1st, 2024, or upon agreement.

Please submit your CV, a cover letter, university grades and certificates for relevant courses, and examples of your work (e.g. R scripts, your GitHub account, seminar papers) to Martin Bruckner (martin.bruckner@wu.ac.at).