A position as a **scientific researcher** is available to work with the recently-established Junior-Professor Dr. Lucie Maruejols in “Computational Analytics and Modelling in Agricultural Policy” (CAAP) at the Institute of Agricultural Economics of the University of Kiel (Christian-Albrechts-Universität zu Kiel).

Part-time 65% position (25,155 hours/weeks), E13 TV-L, for 4 years, starting date: October 2023. The position is associated with a teaching obligation.

The aim of the project is to explore how new data and methods can contribute to better agricultural policies. In particular, we are looking at applications of:

**machine learning and satellite data to the fields of agricultural sustainability, trade, poverty and nutrition issues.**

Emphasis will be given to transdisciplinary research, in particular with bridges to computer science and the fields of digitalization, geography and remote-sensing. Therefore, candidates with background in the afore-mentioned fields are expressly encouraged to apply.

We are looking for a scientific researcher to carry out his/her own research projects relevant to one or more of the following areas:
- Agricultural activities and sustainability in European countries.
- Agricultural activities and rural poverty in Asian countries.
- Trade and sustainability
- Energy poverty
- Electrification and agribusiness development

**Your tasks:**
- Critically review literature articles about chosen topic among the fields of remote-sensing data, agriculture economics, machine learning.
- Collect, analyze and interpret data from various format and sources, to create new knowledge and make practical policy recommendation.
- Carry out coding tasks using R or Python language.
- Support in the preparation and writing of grant proposals for third-party funding.
- Support for teaching tasks in field of quantitative analysis for agricultural economics.
- Discuss and communicate scientific contributions through participation in conferences, contributions to social media, or newspaper articles, etc.

**Qualifications:**
- Master's degree completed with outstanding academic record, in Agricultural Economics, Economics, Agricultural sciences, Remote-sensing, Computer sciences, Development economics or similar.
- Experience in applying quantitative research methods, particularly empirical surveys, quantitative data analysis, data science, statistics or econometric methods.
- Interest in agricultural policy, sustainability.
- Excellent command of English, German is a plus.

**Nice-to-have:**
- Ability to carry out work independently.
- Very good communication skills, ability to work in a team.
- Very good writing skills.
- Interest in satellite data, preliminary experience is a plus.
- Familiarity with or willingness to learn R language and/or Python programming language.
- Experience in project management.
- Interest in communicating science to society, for example through social media.
- Experience in transdisciplinary work.

**What we offer:**
- Innovative scientific environment, led by Jun.-Prof. Lucie Maruejols.
- The possibility to work on current scientific projects and publications.
- Training on scientific methods, in particular machine learning and remote-sensing data.
- Flexible working hours, flexible working location (based in Kiel, Germany).
- Possibility to study in the doctoral certificate program “Agricultural Economics” jointly offered by a variety of research institutes and universities in Germany.
- Possibility to collaborate with other researchers at CAU in Kiel and other institutes through established network.
- Financial support for data and material acquisition, conference participation.

Kiel University is striving to increase the number of female scientists in research and teaching and therefore expressly encourages qualified women to apply. Women will be given priority if their aptitude, qualifications and professional performance are of equal value. The university is committed to the employment of severely disabled people. For this reason, severely disabled applicants will be given preferential treatment if they have the appropriate qualifications. We expressly welcome applications from people with a migration background.

Your application should include a cover letter, your CV listing relevant experiences, a research statement of 2 pages, an overview of your grades, merged into a single PDF.

Please direct your application to Jun.-Prof. Dr. Lucie Maruejols at lmaruejols@ae.uni-kiel.de, before **31.08.2023**. For additional information or questions on the position, please contact the same email address.

Application photographs are not required and we expressly request that you refrain from submitting any.

**We look forward to receiving your application!**