

The Leibniz Institute of Agricultural Development in Transition Economies (IAMO) in Halle (Saale), offers

a PhD position (m/f/d)

within the project “Digital Transformation of China’s Agriculture – Resources, Trade and Food Security”.

Application deadline: November 30, 2021

Starting date: As early as January 1, 2022

Position: 50% at the E13 TV-L level (German public services scheme)

Duration: 36 months

Work place: IAMO, Halle (Saale), Germany

The global demand for nutritious, safe, and healthy food is ever increasing. China, with scarce arable land and water resources, faces a huge challenge in feeding its vast population. In recent years, China started to resort to digitalization technologies as key strategies to transform agricultural production and food value chains towards efficient, resilient, and sustainable systems. The main objective of the proposed DITAC project is to analyze and evaluate the digitalization transition in the Chinese agricultural and food sector with regard to their impact on production, resource use and trade.

The candidate will be expected to contribute to the work of a team that aims at identifying the key determinants of adoption and implementation of selected digital technologies by Chinese farms. In particular, this includes the design and implementation of decision experiments among local farmers as well as the derivation of decision determinants based on farm-level data and the development of an empirical agent-based model. The PhD thesis should be prepared within the thematic scope of the work package, however leaving ample room for own research interests and initiative.

What we expect:

- Master degree in economics and related fields with strong focus on microeconomics
- Strong econometric skills and interest
- High proficiency in statistical software (mainly Stata, optional R and/or SPSS)
- High proficiency in oral and written English; Chinese language skills of advantage
- Focus on experimental economics and/or behavioral economics of advantage
- High personal commitment to research
- Willingness to learn new methods

What we offer:

- Outstanding international and multidisciplinary research environment;
- Participation in the English language Doctoral Certificate Program in Agricultural Economics (www.agraroekonomik.de);
- Participation in seminars and conferences;
- Assistance in publication for peer-reviewed journals;
- Family-friendly working conditions.

Application

E-mail applications containing the following documents (in English) should be submitted to application.agmarkets@iamo.de:

1. Letter of motivation;
2. Curriculum vita;
3. Electronic copies of all relevant transcripts and certificates of master or equivalent courses¹, English language certificates (or an equivalent proof);
4. Names and contact information of two academic referees.

About us

IAMO (www.iamo.de) is a public research institute that pursues basic and applied research in the field of agricultural economics. It offers an excellent infrastructure and a stimulating research environment in an international, ambitious, and multidisciplinary team. IAMO is a member of the Leibniz Association, a German network of non-university research institutes (www.leibniz-gemeinschaft.de).

Equality of opportunity is part of our personnel policy. Female researchers are strongly encouraged to apply. Disabled applicants with adequate qualification will be preferentially considered.

Contact

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¹ Please note that applicants with foreign degrees have to provide a "Statement of Comparability for Foreign Higher Education Qualifications" issued by "Zentralstelle für ausländisches Bildungswesen" (Central Office for Foreign Education – ZAB) at the time of recruitment. This statement must be applied for by the certificate holder and is subject to a fee. For more information, please visit <https://www.kmk.org/zeugnisbewertung>.