

The Chair Group of Production and Resource Economics at the TUM School of Management and the TUM School of Life Sciences offers a position as

Ph.D. Student / Junior Researcher

Microeconomics / Applied Economics

The initial appointment will be **2 years** with the possibility of extension. Salary is in accordance with the German State Regulated Public Salary Scale (starting at TV-L E13 2/3).

Tasks

The successful candidate will conduct cutting-edge empirical research in at least one of the following areas

- natural resources and environment,
- digitalisation, AI and smart technologies in the livestock sectors,
- climate change and policy,
- agricultural, food and environmental policy impact analysis, and/or
- production efficiency and food markets.

leading to an internationally competitive PhD degree and internationally peer-reviewed publications.

The position will include significant involvement in selected nationally and internationally funded projects, such as various EU Horizon projects (e.g., Smart4Welfare, URSOILL) or nationally funded projects. He/she will receive high quality supervision from the chair's senior academic staff and might be involved in teaching at under/postgraduate level as well as funding acquisition and (global) outreach, if desired. International networking and collaborations are regarded as an integral part of the PhD research experience and are explicitly encouraged (e.g. South America, Asia or Africa). The PhD process will be accompanied by integration into TUM's School of Life Sciences or School of Management and participation in the related Graduate School training programs.

Qualifications

The applicants should possess:

- an excellent or very-good university degree in economics, environmental economics, agricultural sciences with a focus in economics, or related disciplines
- strong analytical and methodological skills with a focus on quantitative data analysis (e.g., econometrics, statistics, machine learning)
- a high motivation and the ability to work independently with a strong team orientation
- excellent spoken and written **English** and the will to acquire a certain working language of German.

We offer

The Technical University of Munich as one of the most renowned universities in Europe and long-standing member of the German “Initiative of Excellence” offers state-of-the-art research in a diverse and impact-oriented atmosphere. The Chair Group of Production and Resource Economics offers a highly international and stimulating work environment that promotes individual creativity and effective teamwork with a clear focus on quality output. More information about the group is available at www.ep.mgt.tum.de/pur

Application

Please send a cover letter that explains how this position fits with your experiences and goals, your curriculum vitae, a list of references and copies of key documents (transcripts, degree certificates) in a single PDF to the head of the Chair group, Professor Johannes Sauer (jo.sauer@tum.de). The positions will remain open until filled, with applications reviewed on a rolling basis through January 9, 2026. For additional information on the projects and the position, please contact Maria Vracholi, Ph.D. (maria.vracholi@tum.de) or Dr. Fabian Frick (fabian.frick@tum.de).

As part of the Excellence Initiative of the German federal and state governments, TUM has been pursuing the strategic goal of substantially increasing the diversity of its staff. As an equal opportunity and affirmative action employer, TUM explicitly encourages nominations of and applications from women as well as from all others who would bring additional diversity dimensions to the university’s research and teaching strategies. Preference will be given to disabled candidates with essentially the same qualifications.

Technical University of Munich

Chair Group of Production and Resource Economics

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