

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

Ph.D. Student Position in Environmental and Resource Economics

Starting at the earliest March 1st, 2020. Initial appointment will be 2 years with the possibility of extension. Salary is in accordance with the German State Regulated Public Salary Scale (TV-L E13 2/3).

Tasks

The successful candidate is expected to actively engage in an international project on the sustainable innovation and governance in the Mediterranean area for the Water Ecosystems Food (WEF) Nexus funded under the EU's H2020 program. The core aspects include: (i) assessing the economic performance of farmers as the impact of adopting water-saving irrigation technologies, (ii) integrated socio-economic and ecological modelling for the evaluation of the WEF Nexus schemes, (iii) evaluating the cost-effectiveness of adaptation strategies under climatic variability, and (iv) identification of socio-economic considerations and environmental activities using a Delphi study.

Qualifications

The applicant should possess:

- an excellent university degree in economics, applied economics (e.g. agricultural economics, natural resource economics, environmental economics, environmental management, water economics), or related disciplines;
- strong analytical and methodological skills with a focus on quantitative data analysis (e.g. econometrics, statistics) as well as qualitative approaches (e.g. in-depth interviewing, survey design, stakeholder analysis);
- experience in computational methods linking economic models with biophysical and hydrological models and spatial analysis;
- knowledge of water economics policy and theories for the provision of Nexus frameworks;
- excellent communication skills and an interest in working with interdisciplinary researchers;
- high motivation and ability to work independently with a strong team orientation;
- interest in teaching;
- excellent spoken and written English.

We offer

The Chair Group of Production and Resource Economics offers a stimulating work environment that promotes individual creativity and effective teamwork. More information about the group is available at <http://pur.wzw.tum.de/>.

Application

Please send a cover letter that explains how this position fits with your experiences and goals, your CV, names and contact information of three 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) by the 26th of January 2020. For additional information on the project and the position, please contact our senior researcher Maria Vracholi, Ph.D. (maria.vracholi@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

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