

We are looking to grow our team and are offering a part-time (80%) scientific position as

Research Associate

About us

The Professorship of Forest Operations at TUM deals with issues of wood supply under the aspect of ecological integrity, technical and economic efficiency and social acceptability. A central component of our work is the investigation of harvesting methods and systems with regard to productivity, effects on the environment (especially the soil), occupational safety and operational limits. In the research project *Suitability of highly mechanized timber harvesting systems for hardwood dominated stands* funded by the Bavarian Forestry Administration, the use of single-grip harvesters in naturally managed, hardwood-dominated stands will be examined under the above-mentioned criteria from 01.07.2018 to 30.06.2020.

For this research project, we are looking for a research associate as a project officer.

Your profile and qualifications

- Doctoral degree or university degree (M.Sc. or Diploma) in forestry / forest engineering or a closely related subject completed with outstanding results
- Proficient use of MS Office software, especially MS Excel
- Experience in (statistical) data analysis and related statistical software (e.g., SPSS, R, etc.)
- Verbal and written proficiency in German and English
- Physical fitness and willingness to perform one to several days of outdoor work in the field
- Driven and self-motivated individual
- Ability to independently organize and lead a research project

Main tasks

- Planning and organization of individual investigation campaigns in coordination with external participants
- Conducting surveys, soil physical investigations and time and motion studies of forest operations
- Preparation and analysis of the recorded data
- Composing reports as well as technical and scientific publications
- Dissemination of research results at scientific conferences and in forestry practice

Our offer

- A position assessed according to TV-L E 13 with a working time of 80% of regular working hours (32.08 hours/week) for the period ranging from 01.07.2018 to 30.06.2020
- Active participation in a research project directly related to practice
- Involvement in a small but young and committed research team with a family working atmosphere
- A state-of-the-art research infrastructure (modern recording equipment such as T-LiDAR and a fully equipped soil physics laboratory)
- The possibility of using the results developed in the project for further scientific qualification (doctoral project)

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.

Application and contact

Please send your application package by mail, including a cover letter, CV, transcripts of records, certificates, sample publications, and contact information of two referees, by Friday May 11, 2018 at the postal address listed below or in a single PDF document (maximum 10 MB) by email at sandra.grosskopf@tum.de.

Do not hesitate to contact Prof. Dr. Eric R. Labelle or Dr. Lorenz Breinig (lorenz.breinig@tum.de; Tel. +49 8161 71 4756) for any inquiries.

Technische Universität München

Professur für Forstliche Verfahrenstechnik

Prof. Dr. Eric R. Labelle

Hans-Carl-von-Carlowitz-Platz 2

85354 Freising

Tel. +49 8161 71 4760

eric.labelle@tum.de

www.fvt.wzw.tum.de

www.tum.de