Applied Sciences for Life - This claim describes the unique range of subjects at Weihenstephan-Triesdorf University of Applied Sciences (HSWT), all of which clearly and consistently focus on life sciences. We are one of the leading universities of applied life sciences and green technologies. We prepare our graduates to become responsible and highly qualified professionals and executives who are well prepared for a successful career entry. The scientists at HSWT carry out teaching and research at three different campus locations (Freising, Triesdorf, Straubing) focusing on issues of high social relevance such as sustainable land use, climate change, biodiversity, food technology, biotechnology or renewable energies.

Our campus Weihenstephan in Freising offers multiple opportunities for scientific networking with other teaching and research institutions, all of which are nationally and internationally recognized. Weihenstephan's geographical proximity to the city of Munich and the excellent transport connections are additional assets.

The Department of Landscape Architecture, Campus Weihenstephan (Freising), invites applications for the position of a

Professor in "Climate Change Hydrology"
(salary group W2, tenured position)

expected to start in the winter semester 2021/2022 or commencing as soon as possible.

Responsibilities in Teaching and Research:
Weihenstephan-Triesdorf University of Applied Sciences seeks to appoint a candidate for a professorship, which involves a high proportion of research. In practice, this means that the position entails a reduced teaching load, which may amount to a maximum of 50 percent of regular teaching duties. The reduced teaching load is initially limited to a period of five years with the option of a further extension period.

The hydrological cycle is affected by climate change in all of its stages: Drought results in a growing need for irrigation measures, heavy precipitation events increase the danger of flooding and increase rainfall erosivity, precipitation patterns and their seasonal distribution are shifting, and so on. All these changes have an impact on the landscape water balance, which considerably influences land use options and protection needs. The professorship shall cover the field of climate change hydrology in its entire breadth both in teaching as well as in research. We expect the incumbent to teach basic knowledge pertaining to the landscape water balance at different scale levels as well as to impart in-depth knowledge and skills on experimental and modelling approaches. The focus of teaching will be on the landscape context and on the development of planning solutions for the management of the landscape water balance, especially in relation to the growing demands resulting from climate change. Experiences in the analysis of settlement areas are welcome.

For the duration of the five-year period in which the reduced teaching load will be effective, the incumbent will be supported by a research assistant to be employed on a part-time basis (0,5 position).

The university expects the successful candidate to play an active role in the further development of applied research. Responsibilities of the professorship include the supervision of internships, project papers and theses, teaching courses in English language as well as participation in academic self-administration. The ability to teach specialized topics in adjacent fields of research is highly desired. We offer an interesting work environment at the interface of applied research and practical education, which includes the opportunity to further shape and advance the research field of climate change hydrology according to your own ideas.

Your Profile:
Weihenstephan-Triesdorf University of Applied Sciences is looking for a candidate with a university degree in hydrology, landscape ecology, geoecology, geography or in a related field. We expect applicants to have acquired relevant expertise in the field of hydrology. In addition, you bring experience in identifying and/or modelling components of the landscape water balance. You are able to use regional climate models to predict changes in the landscape water balance. You are furthermore able to present various scenarios concerning the effects of planning on the landscape water supply and to use them in decision-making processes. You are familiar with the legal basis and the organizational structure of landscape water management and you have gained solid professional knowledge in applying GIS as well as remote

sensing technologies. Your professional profile is characterized by a successful track record of applied research in climate change hydrology as well as by teaching experience in both the German and English language.

Requirements:

1. completed first university degree,
2. pedagogical aptitude,
3. particular ability for scientific and scholarly work as proven by a doctoral degree or comparable academic qualification (in German: "Gutachten über promotionsadäquate Leistungen").
4. Furthermore, we require expertise in the application or development of scientific findings and methods obtained during a period of at least five years of professional practice after graduation from university. Of these, at least three years must be in a field outside university. Professional experience outside university might be recognized, if the candidate has spent a significant part of the position working in a cooperation between university and non-university institutions for a minimum of 5 years.

Applications from abroad are explicitly welcome. The willingness and ability to teach in Ger-man from the beginning of employment is expected from all applicants.

HSWT – Your Employer:
We assist newly appointed professors in the management of teaching and research. Our services include support in the organization of flexible working conditions, advanced training in higher education didactics as well as incentive systems for interdisciplinary and international research. Detailed information is available on our employer website at:
https://www.hswt.de/hochschule/gender-und-diversity/gender-gleichstellung/professorin-werden.html#c119983.

Information for Applicants:
The HSWT pursues the strategic goal of consistently increasing the proportion of women in teaching and applied research. We therefore explicitly invite female scholars and experts to apply at our university. Our website with in-depth information on how to become a professor at HSWT, which specifically targets potential female applicants, may be accessed via the following link: https://www.hswt.de/hochschule/gender-und-diversity/gender-gleichstellung/professorin-werden.html.

We look forward to applications submitted by severely disabled persons. Severely disabled persons with essentially the same aptitude, professional ability and qualifications, will receive preference.

The HSWT regards itself as a family-friendly employer.

Weihenstephan-Triesdorf University of Applied Sciences promotes equal opportunities and diversity among its students and employees.

The successful candidate may be eligible for civil servant status up to the age of 52.

Please submit your complete application materials (including a letter of application, an academic CV with accurate to the day information for each employment contract, copies of transcripts, proof of professional work experience and documentation of your research activities) by **24.05.2021**. We request applicants to submit their application through our online application management system available at www.hswt.de/stellenangebote.html.

For further information, please contact:

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