



The University of Natural Resources and Life Sciences, Vienna (BOKU)

is currently inviting applications for the position of a
Full Professor of

Sustainable Building Construction

The University of Natural Resources and Life Sciences, Vienna (BOKU), Department of Civil Engineering and Natural Hazards, seeks to appoint a Full Professor of Sustainable Building Construction with 1st February 2022. The position is offered in accordance with § 98 of the 2002 Universities Act in the form of an open-ended contract.

The University of Natural Resources and Life Sciences, Vienna, the “Alma Mater Viridis”, is the University of Sustainability and Life Sciences. It is BOKU's task to make a key contribution to the conservation and protection of resources for future generations through its wide variety of expertise. Combining natural sciences, engineering plus social and economic sciences, its aim is to increase knowledge of the ecologically and economically sustainable use of natural resources. With 11,000 students and over 2,800 staff members, BOKU is one of Europe's leading life science universities.

The Department of Civil Engineering and Natural Hazards consists of the institutes “Structural Engineering, Geotechnical Engineering, Applied Geology, Alpine Natural Hazards, Soil Bioengineering and Landscape Construction” and represents with its subject areas core competences of the study program “Kulturtechnik & Wasserwirtschaft”. The strategic goals are energy and resource-saving planning, construction and renovation for the development of a sustainable economic and living environment.

The applicant should be active in the field of resource-efficient use of building materials, the use of natural building materials (wood, etc.), digital planning and the automation of building processes primarily for buildings, both in teaching and in research. Biobased materials, resource-efficient construction methods and automated construction methods are to be developed on the basis of digital planning and automated construction processes and scientifically accompanied until they are suitable for practical use. In addition to the lectures and exercises on “Building Construction” and “Resource Efficient Building”, the applicant should also be familiar in the field of digital planning and robotized construction.

A professional cooperation at the department with a focus on material independent dimensioning and design, life cycle management and infrastructure construction is desired.

Job specifications:

- Venia docendi or foreign equivalent or an equivalent subject-relevant academic qualification.
- Relevant experience and competence in teaching, guidance in scientific work, as well as the supervision of junior scientists (PhD students). The candidate is expected to submit a teaching portfolio.
- Teaching in German and English.
- Excellent publication achievements in the scientific field.
- Sound research experience outside BOKU.
- Sound experience within the field of resource-efficient civil engineering.
- Subject-specific research experience of national and international reputation, as well as ability to network.
- Experience in the successful acquisition, execution and management of research projects.
- Cooperation with national and international research institutions and with relevant partners from public services and business.
- Management and interpersonal skills including gender and diversity management skills, communication and team skills and a willingness to participate in public relations.
- Willingness to participate in relevant focus and cooperation programs of the University.



- Willingness to participate in the self-governance of the University of Natural Resources and Life Sciences, Vienna.

For more information about this position, please contact the Head of Department of Civil Engineering and Natural Hazard, Univ.-Prof. Dr. Markus Fiebig, phone: (via secretary) +43 1 47654 87000, or e-mail: markus.fiebig@boku.ac.at.

Please send your application in German or English by e-mail to rektorat@boku.ac.at and one hard copy no later than **15th February 2021** (date on postage stamp) to the Rectorate of the University of Natural Resources and Life Sciences, Vienna (BOKU), Gregor-Mendel-Straße 33, 1180 Vienna, Austria.

Please include the following documents with your application:

- CV including details of professional, teaching and research activities (incl. presentation of teaching portfolios – further information is available in German at http://www.boku.ac.at/fileadmin/data/H05000/H17100/Qualifizierungsvereinbarung/Lehrportfolio_-_Leitfaden_zur_Erstellung.pdf)
- List of publications (referenced / not referenced), presentations and projects
- Copies of 5 recent publications that you consider particularly important
- Draft concept for research and teaching; presentation of planned research priorities (max. 4 pages A4)
- Brief explanation of why you believe yourself to be particularly suitable for this position (max. 1 page A4)

By submitting the application, you also agree to the participation of an external recruitment consultant in the selection process.

The University of Natural Resources and Life Sciences, Vienna is seeking to increase the number of its female faculty members and therefore, qualified women are strongly encouraged to apply. Women are given priority when qualifications are equal, except in cases where there are outweighing factors concerning another candidate.

The employment contract is classified as group A1 of the collective agreement for university employees. Minimum gross yearly salary: € 73.441,20; the actual annual gross salary is subject to negotiation.

More information on this position and about BOKU and this department can be found on the website: <https://boku.ac.at/baunat>