



The Department of Water, Atmosphere and Environment, Institute of Waste Management wishes to fill a **career position in compliance with § 99 (5) UG (tenure-track) in the field of**

Waste management with a focus on Waste forensics

Working time: 40 hours a week

Term of the employment relationship: 1st of October 2020, limited to a period of 6 years

Allocation in compliance with the Collective Agreement for University Staff to job group: B1 lit. b
Gross monthly salary (depending on previous eligible experience) at least: € 3,889.50 (14 x a year, in addition we also offer an attractive career development programme and an extensive range of social benefits)

Target group

§99 (5) positions offer academics with high potential and the relevant achievements the opportunity of an academic carrier ranging from a postdoc position to that of assistant professor and on to associated professor. The position of associated professor can be achieved at the latest six years after the appointment. §99 (5) positions are aimed at academics with a doctorate/PhD degree, with high potential, who are close to or have already successfully completed a habilitation. Experience at other universities or research institutes abroad is expressly welcome.

Tasks and focus areas

- Research in the field of Waste Management with a focus on Waste forensics in the circular economy
- Development and establishment of the new scientific field “waste forensics”
- Independent scientific activities in the field of tracking, characterisation, quantification and assessment of contaminant and pollutant transfer from waste to secondary resources and new products in the context of circular economy or transfer and accumulation of contaminants and pollutants in environmental media
- Detection, identification and monitoring of emerging pollutants in waste streams
- Modelling the transfer and accumulation processes of pollutants and contaminants in waste streams or secondary products as well as in environmental media
- Analysis of biological waste recovery as part of the bio-economy
- Cooperation and networking with other relevant institutes at the Department of Water, Atmosphere and Environment or BOKU (e.g. Analytical Chemistry) and use of BOKU Core Facilities
- Teaching and supervision or co-supervision of final papers within the scope of legal possibilities
- Transfer of knowledge and the promotion of junior researchers in line with the social responsibility of the University of Natural Resources and Life Sciences
- Assumption of administrative tasks within the framework of university self-administration
- Acquisition and management of competitively funded national and international research projects
- Participation in national and international working groups

Requirement profile

- Completed doctorate in a relevant field
- Sound professional experience in the scientific field as a postdoc
- Excellent publication achievements as well as international orientation and recognition
- Willingness and ability to lead your own research team incl. the necessary funding this requires (third-party funding)
- Enthusiasm for outstanding teaching

Other desired qualifications

- Experience abroad as well as in teaching and leadership at universities and research institutions
- Diploma studies in natural scientific-technical, chemical or biotechnological oriented fields of study (e.g. chemistry (inorganic / organic chemistry), analytical chemistry, physical chemistry, technical chemistry, biochemistry, biotechnology)
- Good knowledge of statistics
- Good computer skills
- Experience in the management and acquisition of research projects
- Excellent knowledge of German and English, both written and spoken
- Ability to work in a team
- Competencies in the field of laboratory safety at work
- Driving licence B

Publication date: 18th of February 2020

Closing date for applications: 24th of March 2020

University of Natural Resources and Life Sciences Vienna seeks to increase the number of its female faculty and staff members. Therefore qualified women are strongly encouraged to apply. In case of equal qualification, female candidates will be given preference unless reasons specific to an individual male candidate tilt the balance in his favour.

Please submit your application in English incl.

- Curriculum vitae with detailed presentation of professional, teaching and research activities
- List of all publications (refereed & non-refereed), lectures and projects
- Electronic transmission of the PDF files of five own publications which you consider to be particularly important
- Rough concept for future plans in research and teaching including your contribution to the scientific profile of the Department
- Teaching portfolio including evaluation results
- Brief explanation why you think you should be particularly suitable for this position (max. 1 page)

and indicating the reference code 40 to kerstin.buchmueller@boku.ac.at until 24th of March 2020.

Applicants are not entitled to reimbursement of travel and accommodation costs incurred as a result of the selection procedure.

www.boku.ac.at