

PhD and Postdoc position on PFAS Pollution and Remediation in Groundwater



Are you eager to contribute to solving one of the most pressing global environmental concerns related to groundwater contamination? The University of Vienna is offering an exciting opportunity to be part of a leading research group in the academic field of PFAS pollution remediation. Join our team and make a real impact in developing innovative techniques for in-situ and on-site PFAS remediation.

Your Project:

Per- and polyfluoroalkyl substances (PFAS) pose a significant threat to the environment, particularly in groundwater contamination. In this project, we aim to tackle this urgent issue by developing cutting-edge techniques for in-situ and on-site PFAS remediation. Your research will be instrumental in advancing our understanding of PFAS behavior in different environmental settings and designing effective remediation strategies. This project offers a unique opportunity to work alongside renowned experts in the field and collaborate with industry partners to find sustainable solutions for PFAS pollution. We are seeking a highly motivated Ph.D. student and Postdoc (m/f/x) with a passion for environmental science and a strong interest in developing innovative remediation techniques for PFAS.

Who We Are:

The Environmental Geosciences division (EDGE) is an integral part of the Centre for Microbiology and Environmental Systems Science (CMESS) at the esteemed University of Vienna (Austria). Our research group consists of a dynamic, international team of researchers dedicated to addressing critical environmental challenges in a rapidly changing world. Our research spans a wide range of topics, from emerging contaminants to climate change. As a PhD candidate or Postdoc in this project, you will have the opportunity to work at the intersection of environmental science, chemistry, and engineering, fostering collaborations with both academic and industrial partners.

We Offer:

- Supervision, mentoring, and career development from internationally recognized senior researchers.
- A dynamic, stimulating, and international working environment with English as the working language and access to excellent laboratory facilities.
- A fully funded position in accordance with the collective bargaining agreement, including a competitive salary with full social security coverage.
- Opportunities for international collaboration and fieldwork, with potential secondments at our academic project partners and industrial partners.
- A chance to live and work in the vibrant city of Vienna, renowned for its high quality of life, excellent public services, affordable living, and consistently ranked among the top cities in the world.

Your Profile:

To be considered for this position, we are looking for candidates with the following qualifications:

- A Master's degree (for the PhD position) or PhD degree (for the Postdoc position) in Environmental Sciences, Environmental Chemistry, Engineering, or related fields.
- Laboratory experience and a strong knowledge of environmental science and chemical analysis.
- Familiarity with remediation techniques or experience in related research areas would be advantageous.
- Fluent spoken and written English communication skills.
- High motivation, independence, and reliability.

How to Apply:

To apply for this position, please submit a single PDF file containing the following documents:

- A letter of motivation outlining your interest in the project and your relevant experience.
- A comprehensive CV, including your university grades.
- Contact details of two referees who can provide a reference for you.
- A research vision (one-page maximum) detailing your ideas and approach to PFAS pollution remediation.
- Copies of any relevant research papers, or if applying for the PhD position your Master's thesis (if available).

Applications will be considered until the position has been filled. For guidance on writing a strong application, please visit our webpage.

To apply or for any further inquiries, please send your application to: thilo.hofmann@univie.ac.at

Join our team and become a part of pioneering research to address PFAS pollution in the environment and develop innovative remediation techniques. Your work will contribute significantly to the global efforts in safeguarding groundwater and the environment from the harmful effects of PFAS contamination. We look forward to receiving your application and collaborating with you on this critical environmental challenge.