The Department for Environmental Geosciences of the University of Vienna (Austria) is inviting applications for a **PhD position** funded by the FWF (Austrian Science Fund) for a period of **3 years**.

The PhD candidate will work on a project looking into the **interactions between carbonaceous materials, natural organic matter and organic contaminants.** Based on the knowledge acquired from several successful projects carried out over the last years, model sorbents and sorbates (e.g., carbon nanotubes, humic acids and polycyclic aromatic hydrocarbons) will be studied to better understand the processes of fractionation, dispersion and sorption. The research will involve a wide range of analytical techniques to characterise the processes occurring in the 3-phase systems. The interdisciplinary project will bridge knowledge generally acquired from several disciplines and outcomes will be of high interest to several scientific communities with environmental (e.g. toxicity and fate assessment of organic contaminants) and engineering perspectives (e.g. improvement of water remediation technology, development of novel analytical tools).

We look for a highly enthusiastic PhD student with interest in understanding the fate of contaminants in natural systems. Previous experience in environmental organic chemistry, colloidal/nano chemistry and/or analytical chemistry will be an advantage.

Requirements:

- Master in Earth Sciences, Environmental Sciences, Chemistry (and related sciences)
- Fluent spoken and written English
- Excellent written and oral communication, as well as social skills
- Motivated, independent and reliable

What we offer:

- Supervision and support from internationally recognised senior researchers; dynamic, stimulating and international working environment (working language is English); excellent laboratory facilities; opportunities for collaboration (France, US, Germany)
- Salary per month 1929.50€ (gross), including health/pension scheme
- Vienna, the city with the highest quality of life worldwide (elected for the 6th year in a row, Mercer, 2015)

How to apply:

Please send a single pdf file including a letter of motivation, a CV with University grades, the contact details of two referees, a short page research vision and, if available, copies of research papers or the Master thesis.
Short listed candidates will be notified and invited for interview. Late applications may be considered until the position has been filled. Applications should be addressed to melanie.kah@univie.ac.at

Further information at http://umweltgeologie.univie.ac.at/hofmann-group/
(Contact: Prof. Thilo Hofmann, Dr. Melanie Kah)